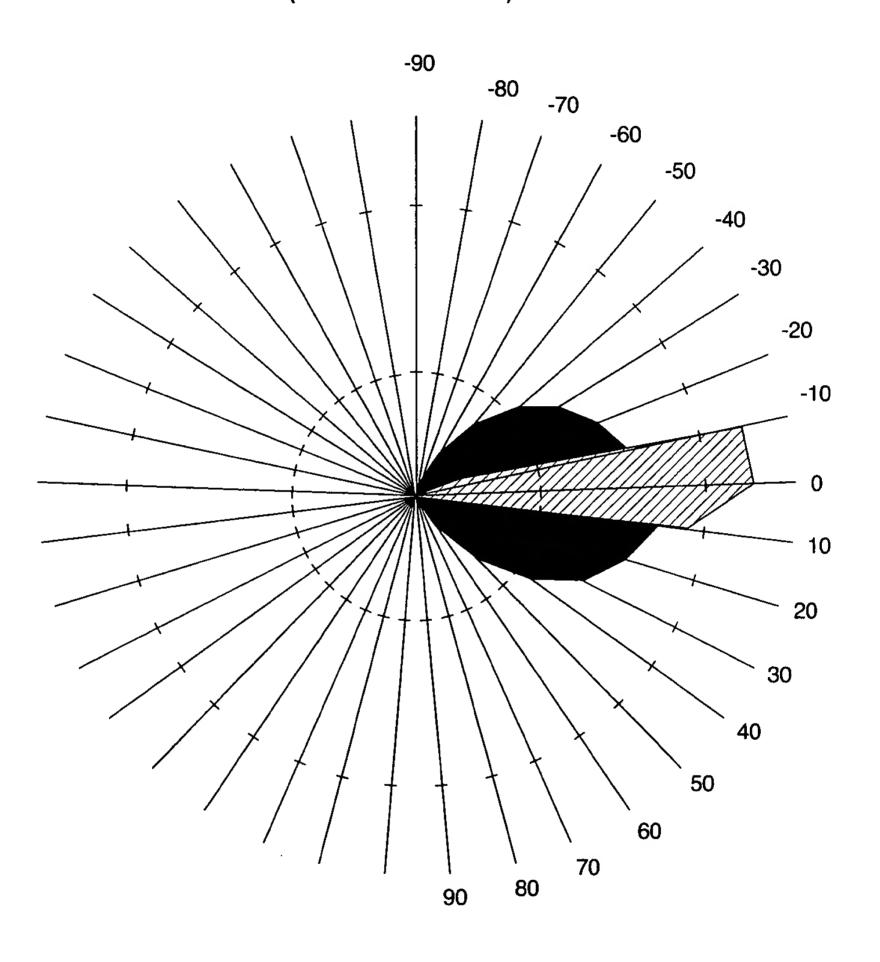


Fig. 1A

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Angular Output
(relative units)



STANDARD TO-8 PART

SMALL FILAMENT DESIGN

Fig. 1B

Drive Power (Constant Current)

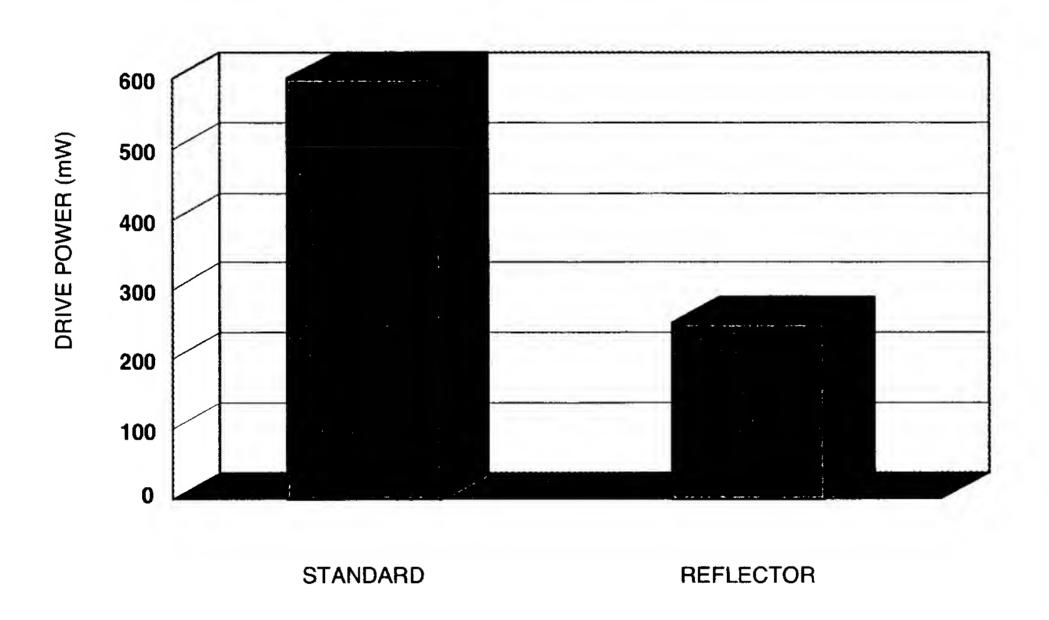


Fig. 1C

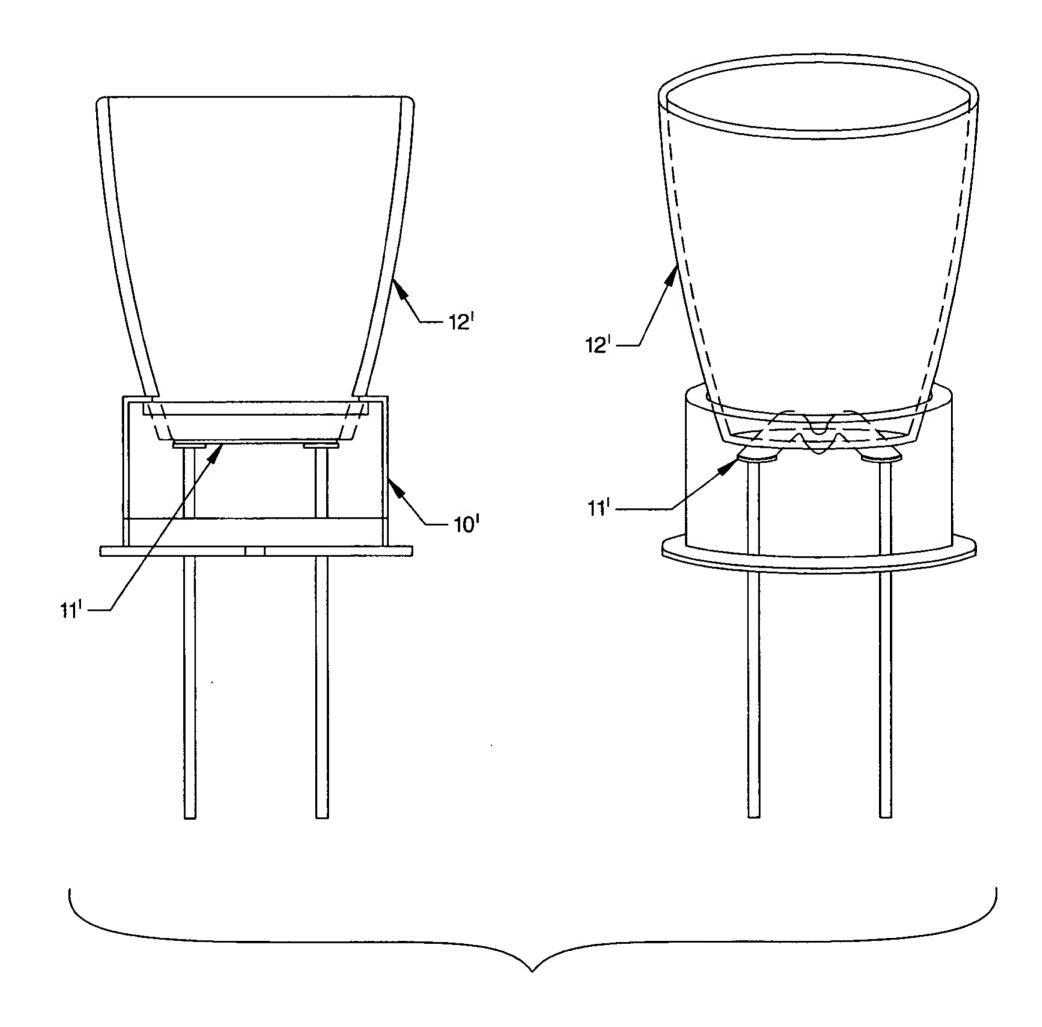


Fig. 1D

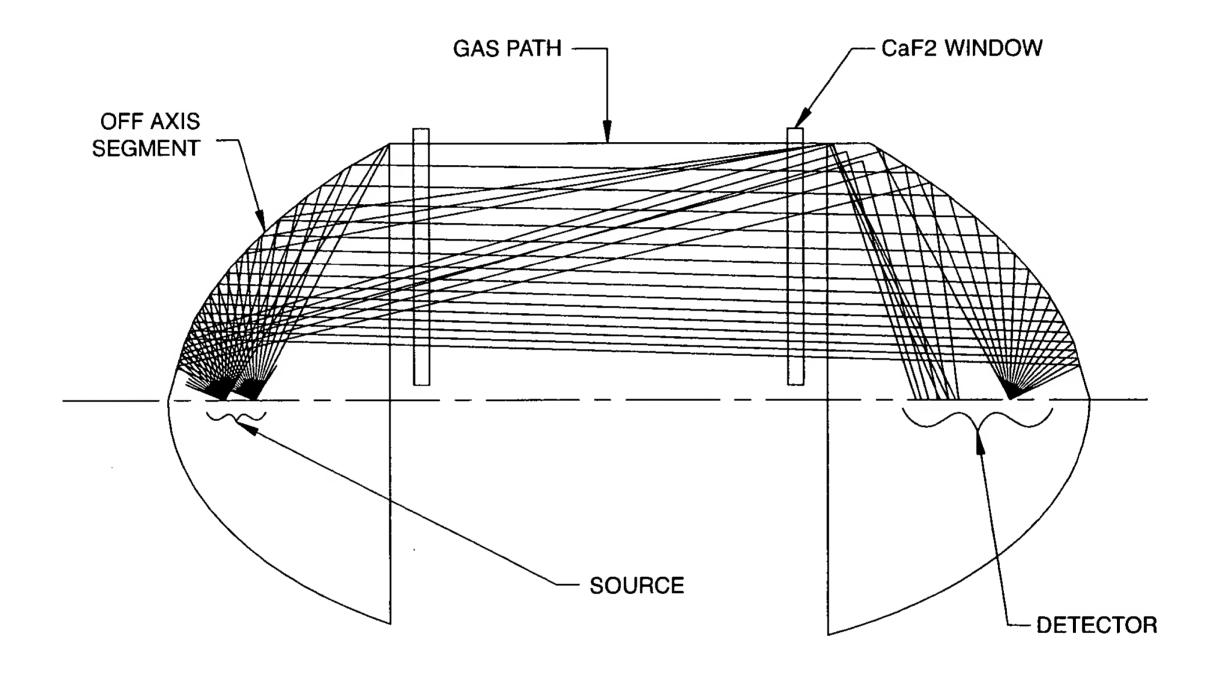


Fig. 2

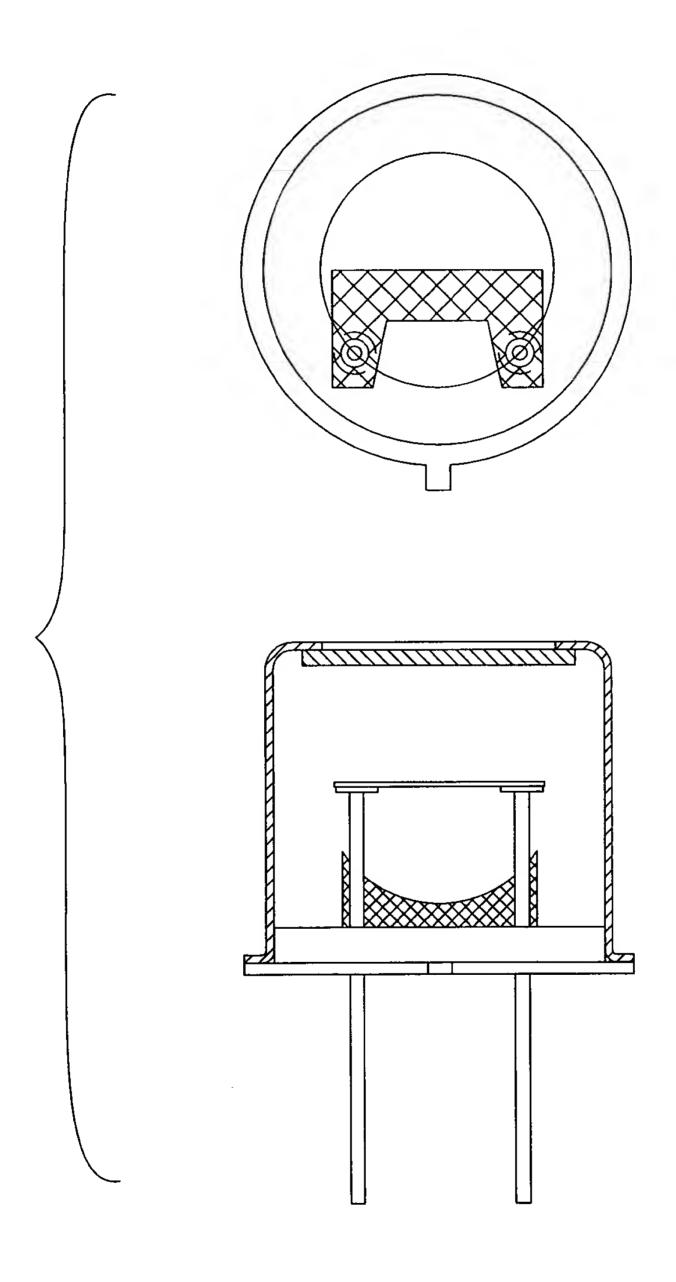


Fig. 3A

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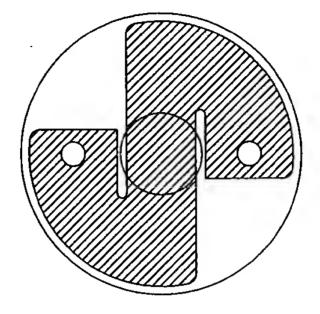


Fig. 3B

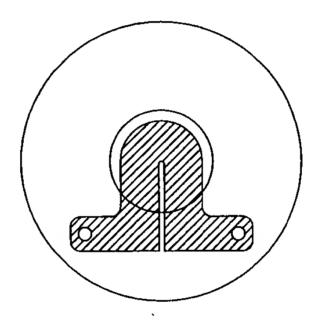


Fig. 3C

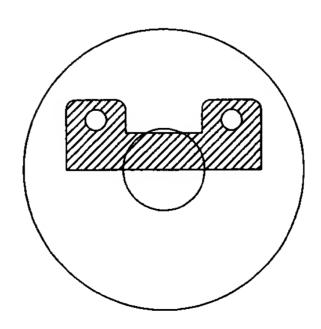


Fig. 3D

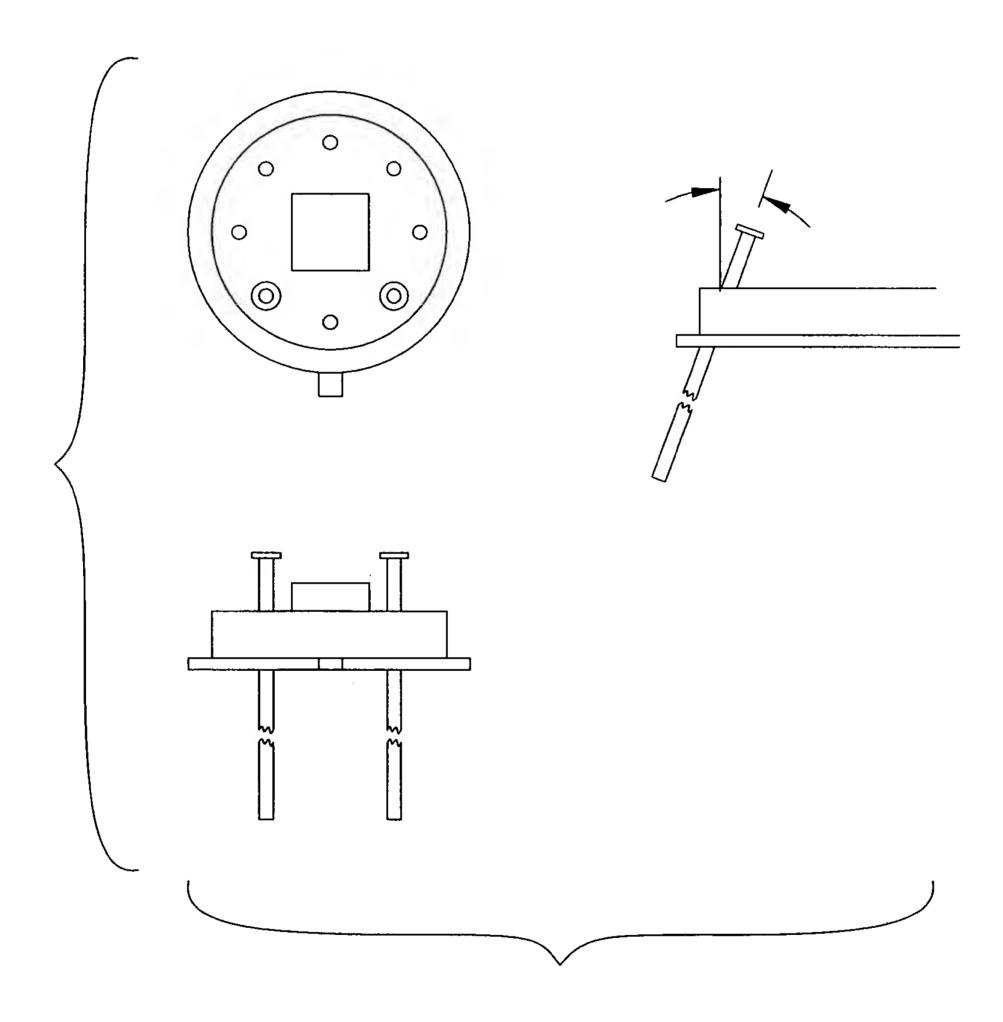


Fig. 4

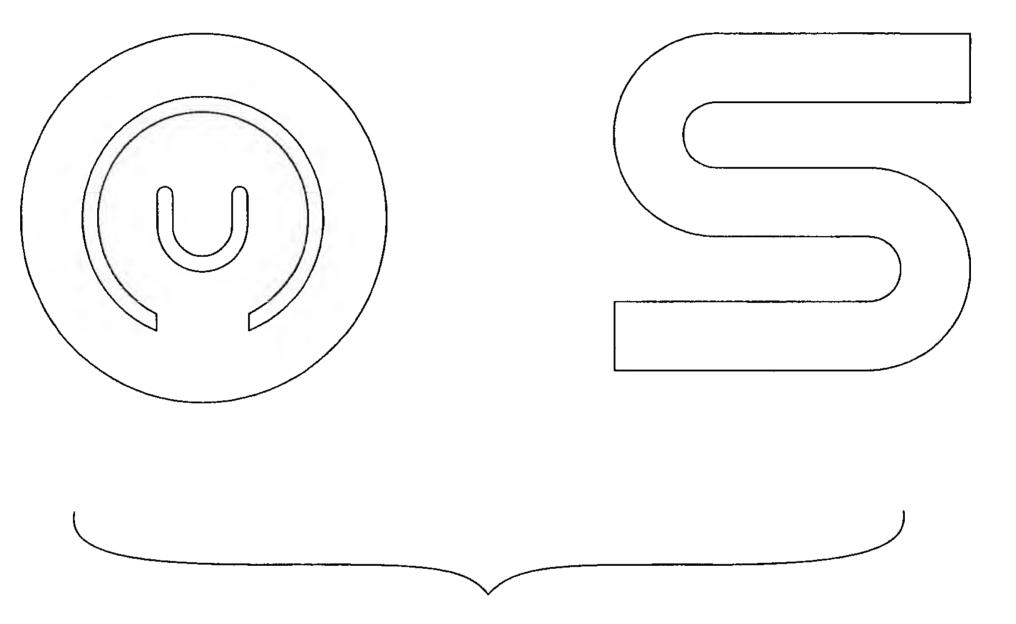
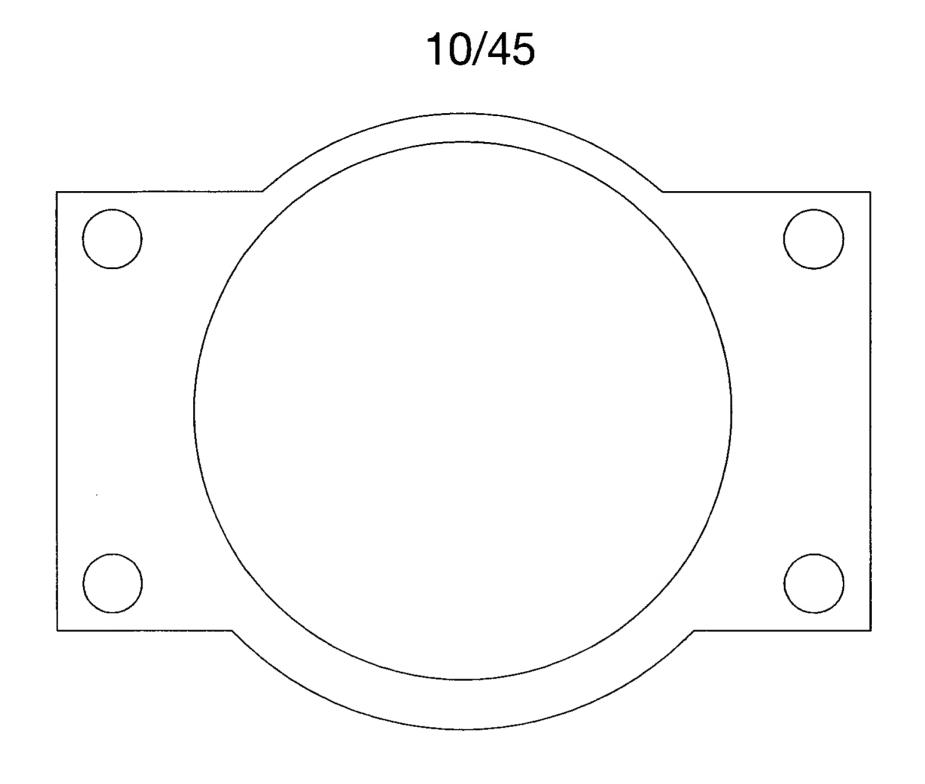


Fig. 5



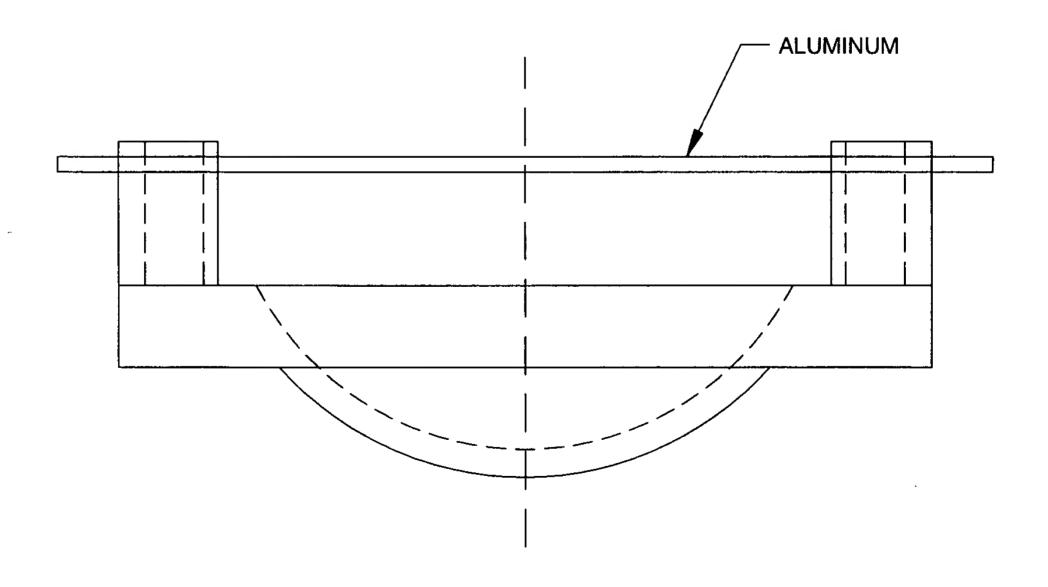


Fig. 6

IDEAL 575C BLACKBODY AND TEXTURED METAL RADIATOR

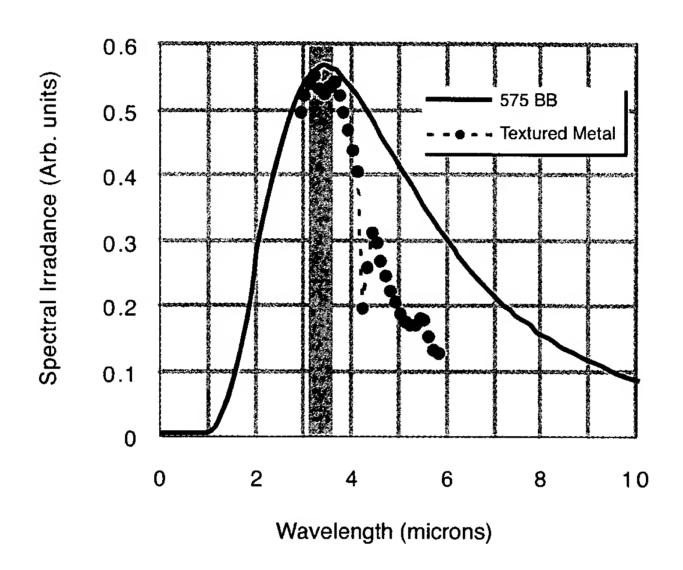
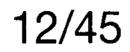


Fig. 7



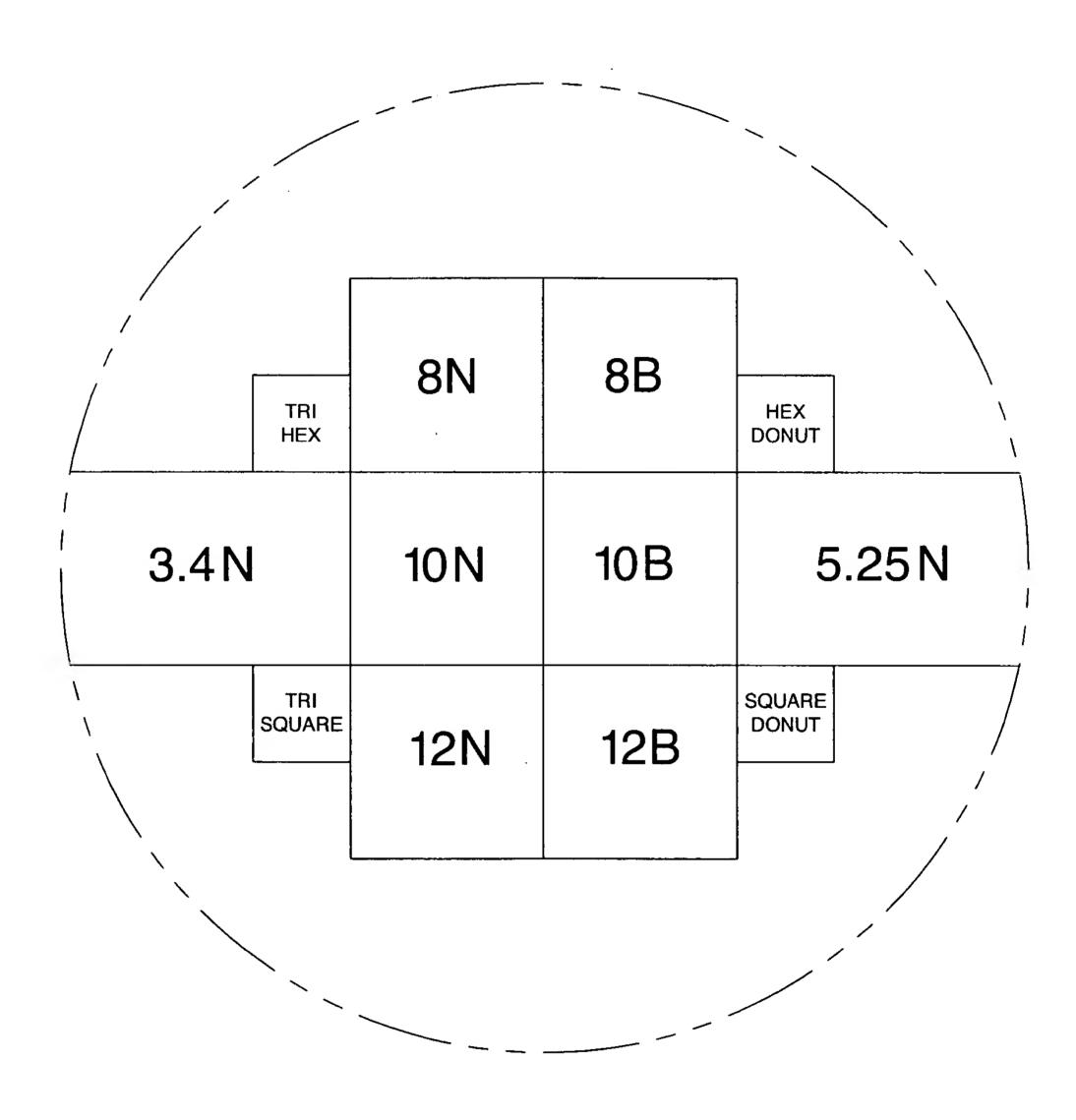


Fig. 7A(a)

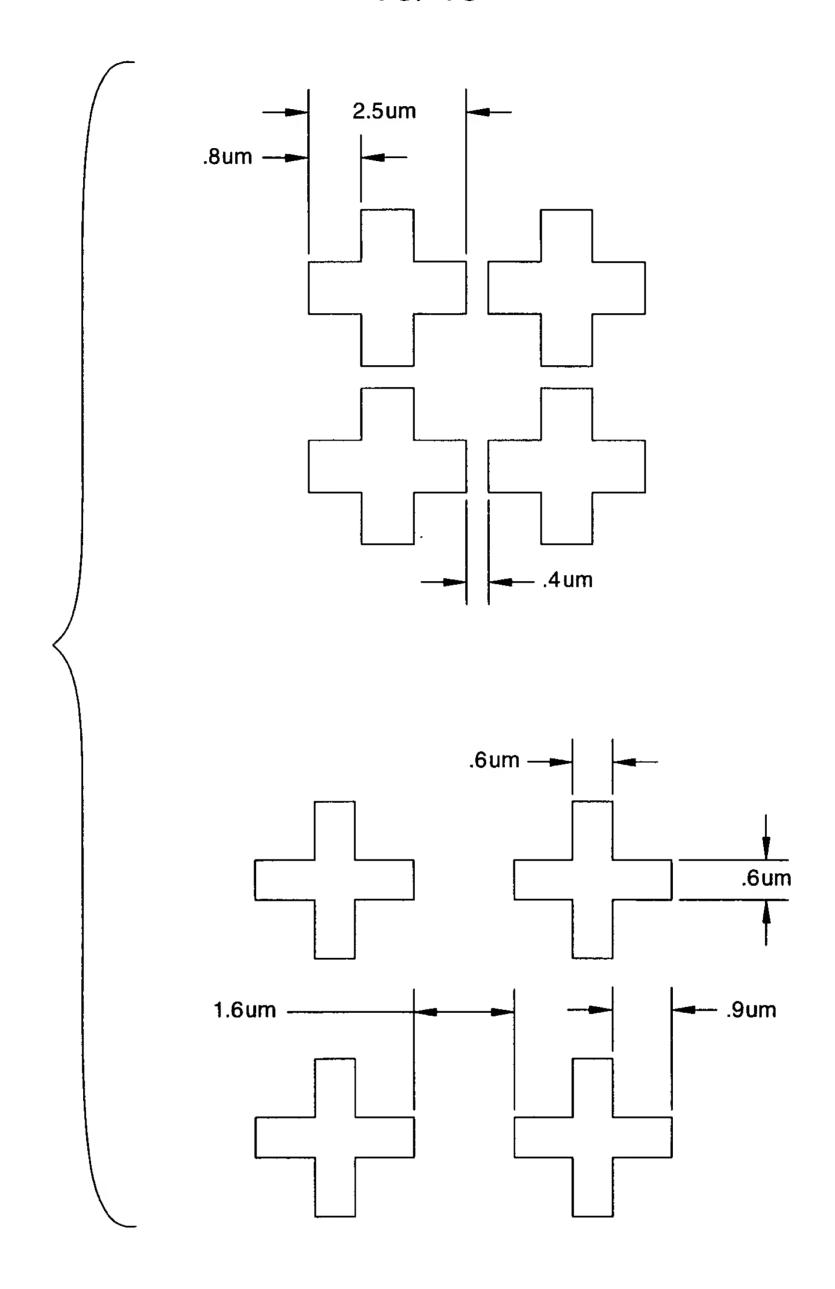


Fig. 7A(b)

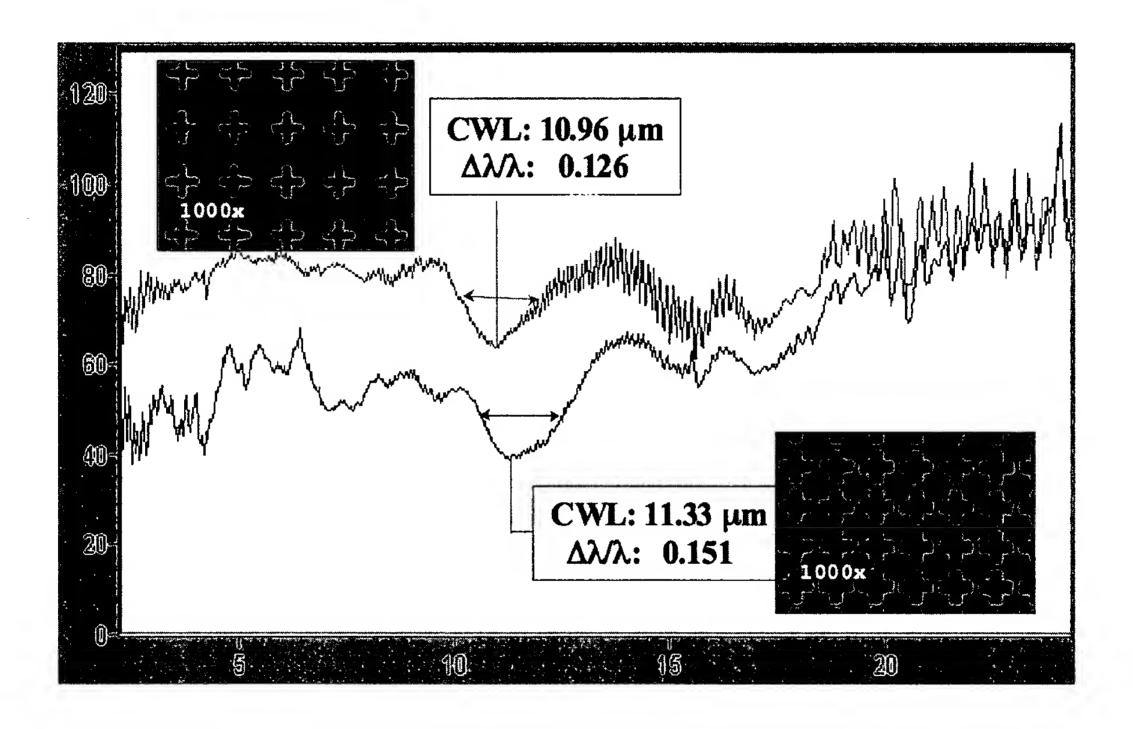


Fig. 7A(c)

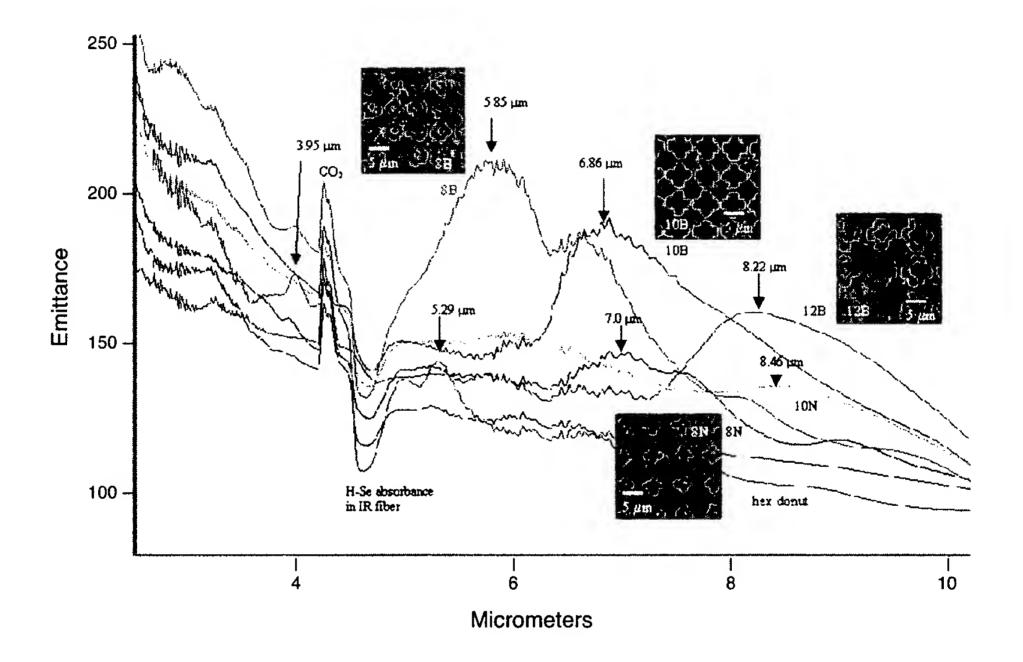


Fig. 7B

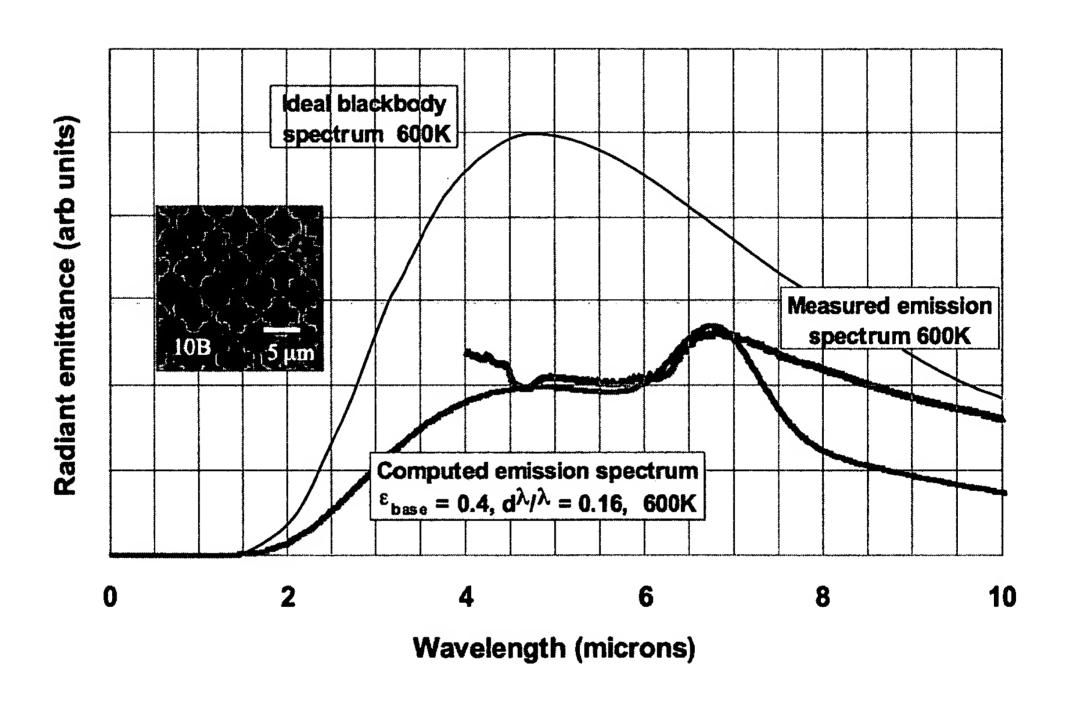


Fig. 7C

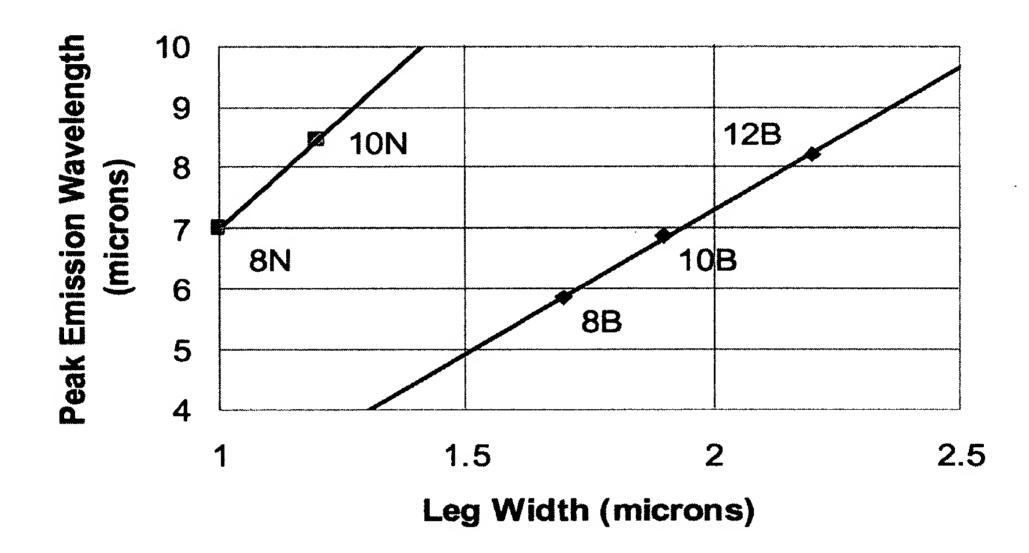


Fig. 7D(a)

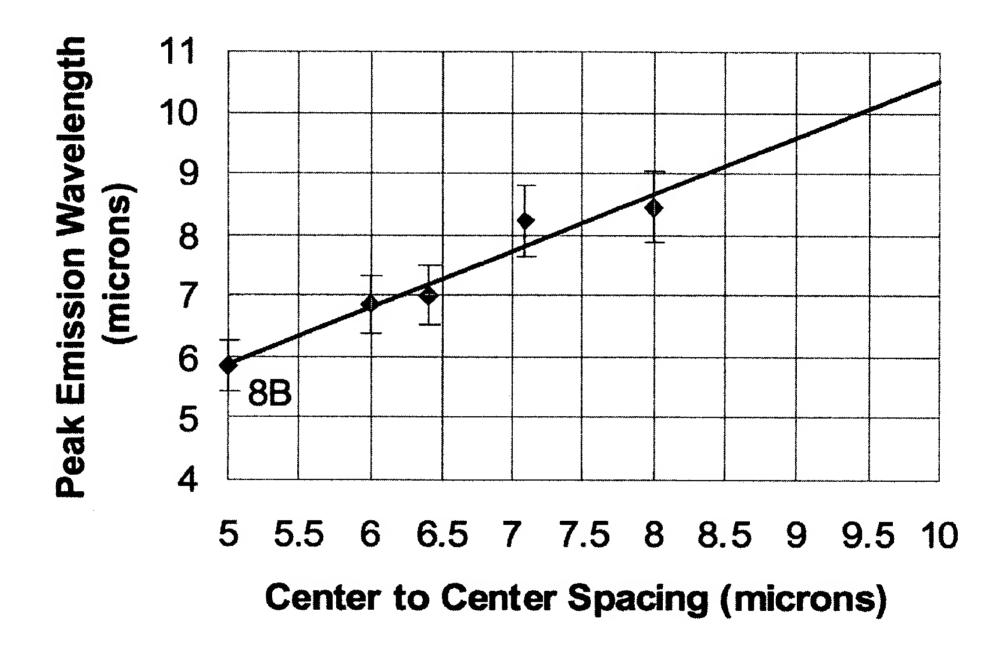


Fig. 7D(b)

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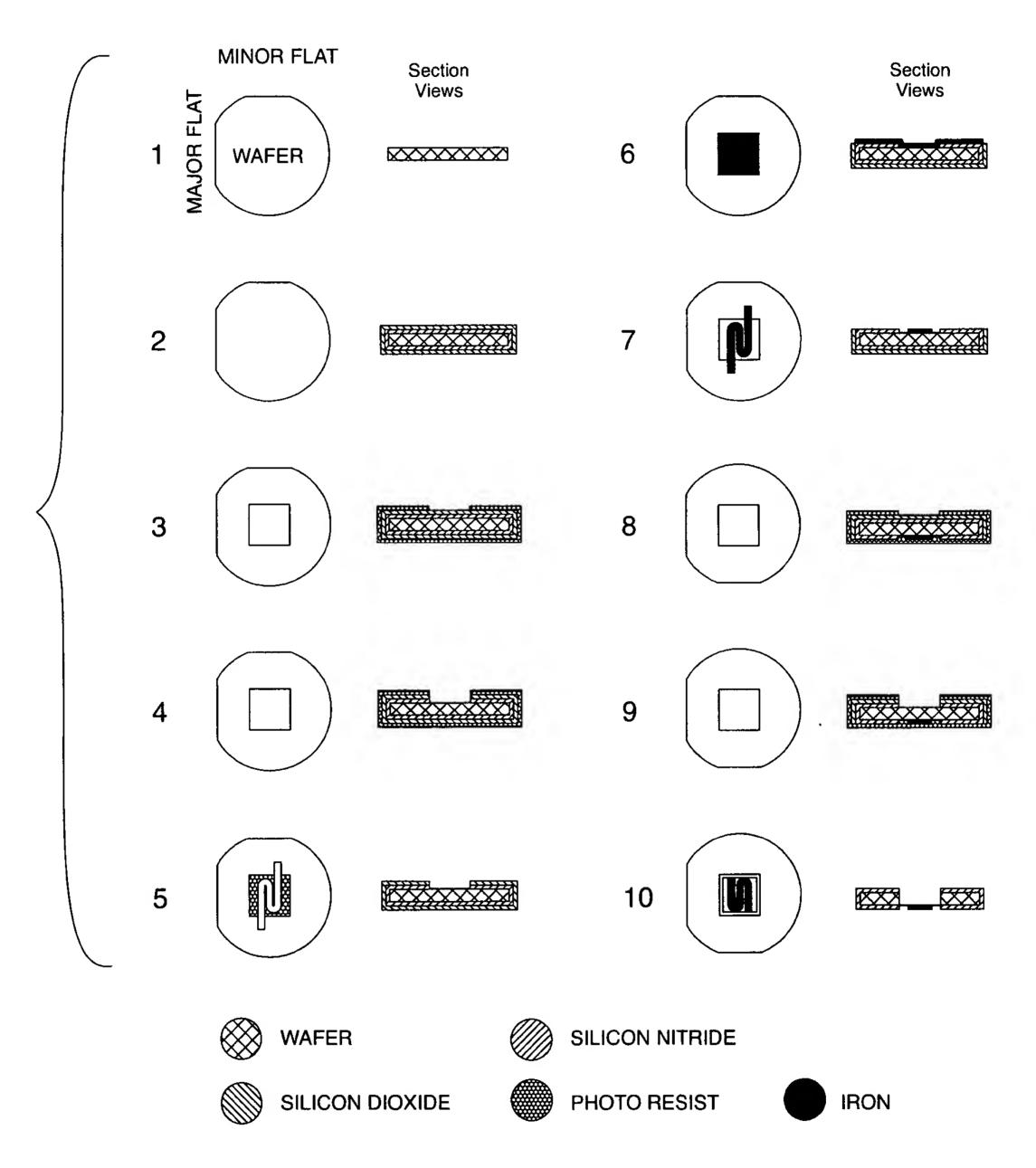


Fig.8A

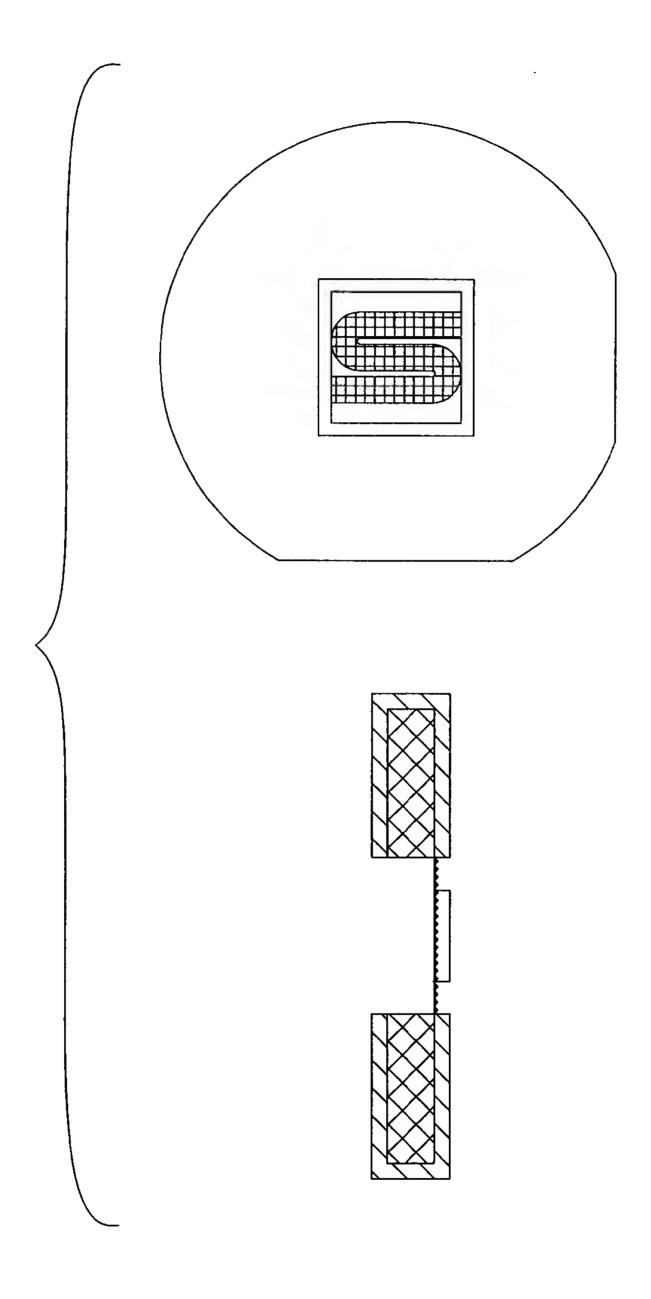
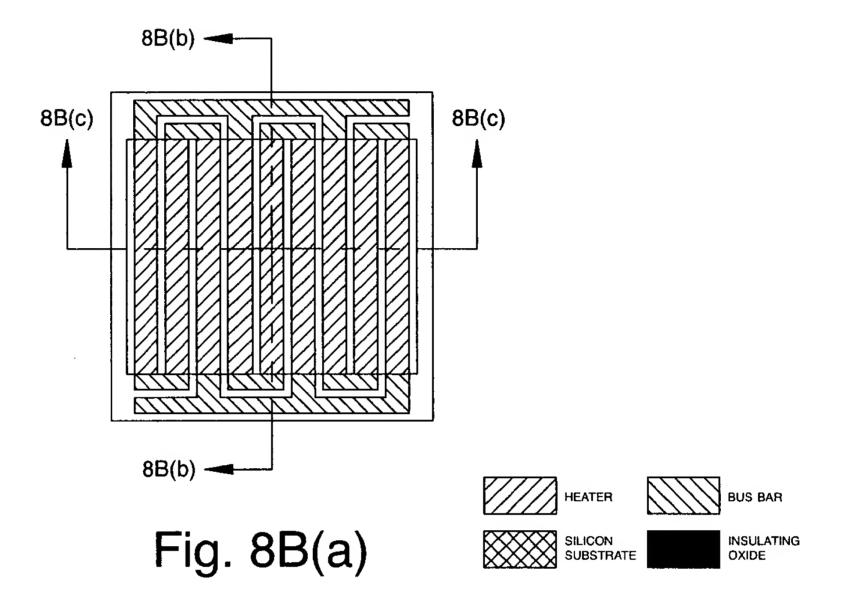
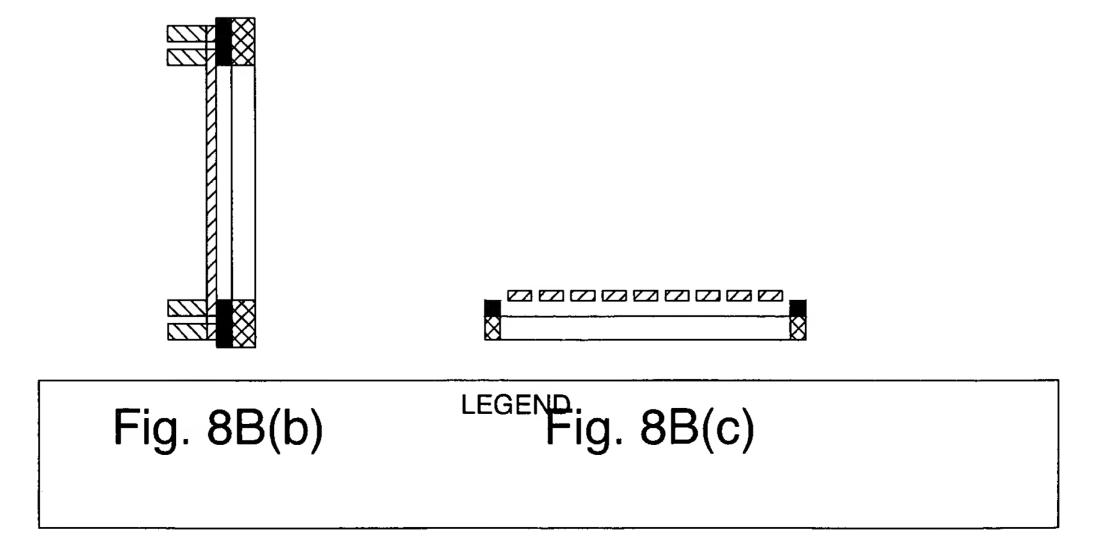


Fig. 8B

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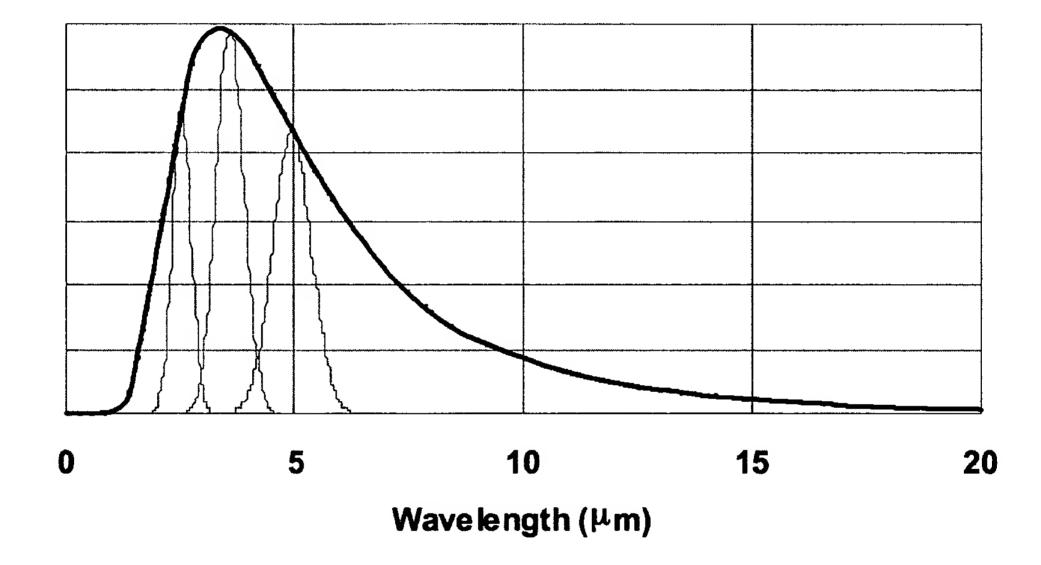


Fig. 9A

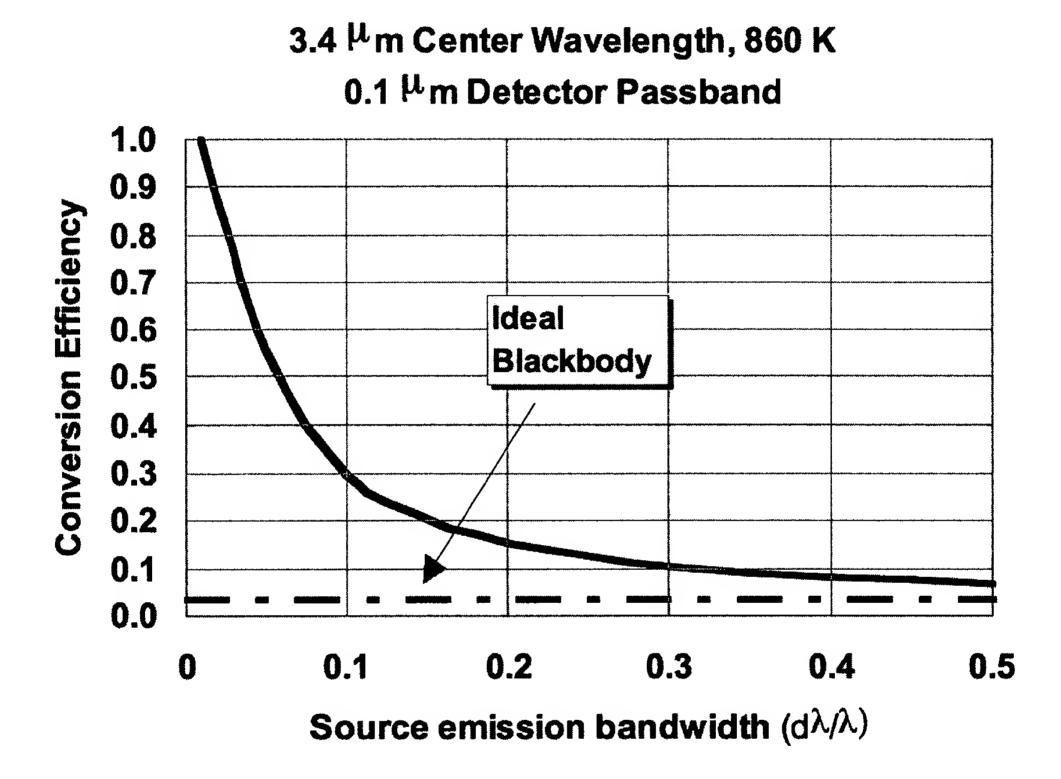


Fig. 9B

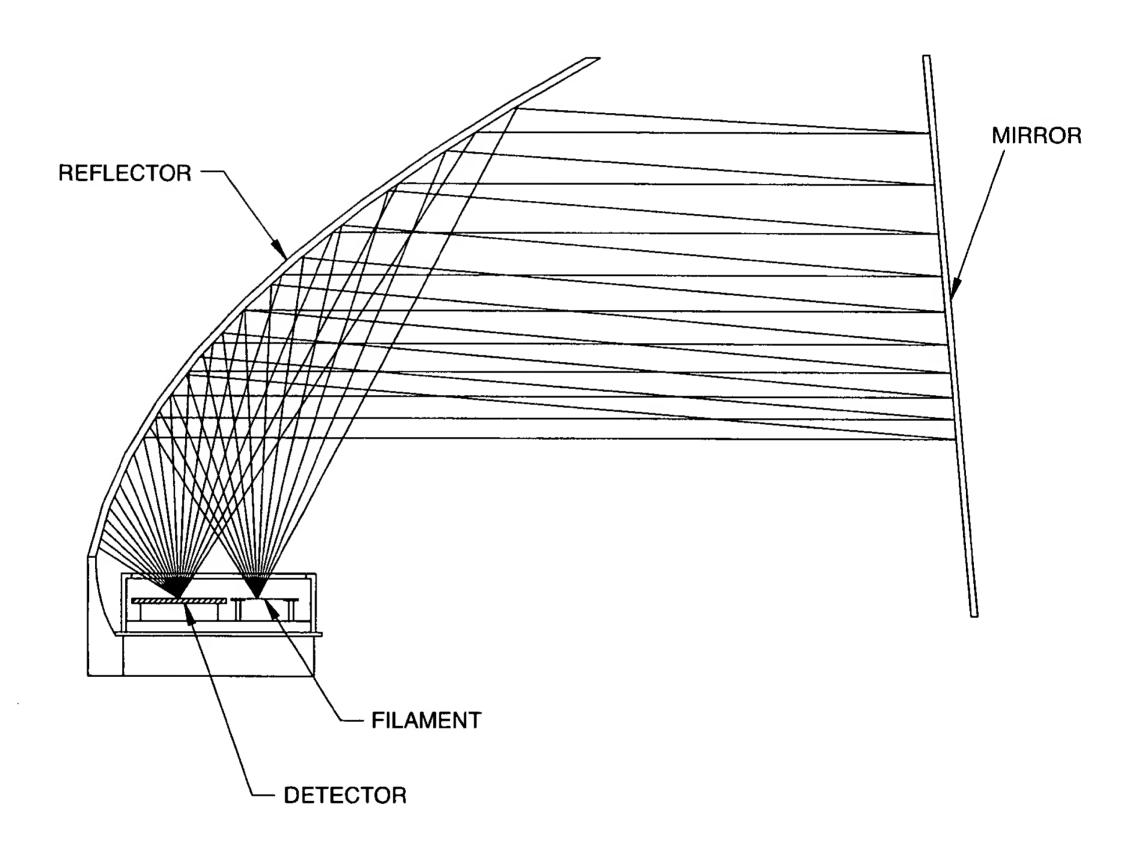


Fig. 10

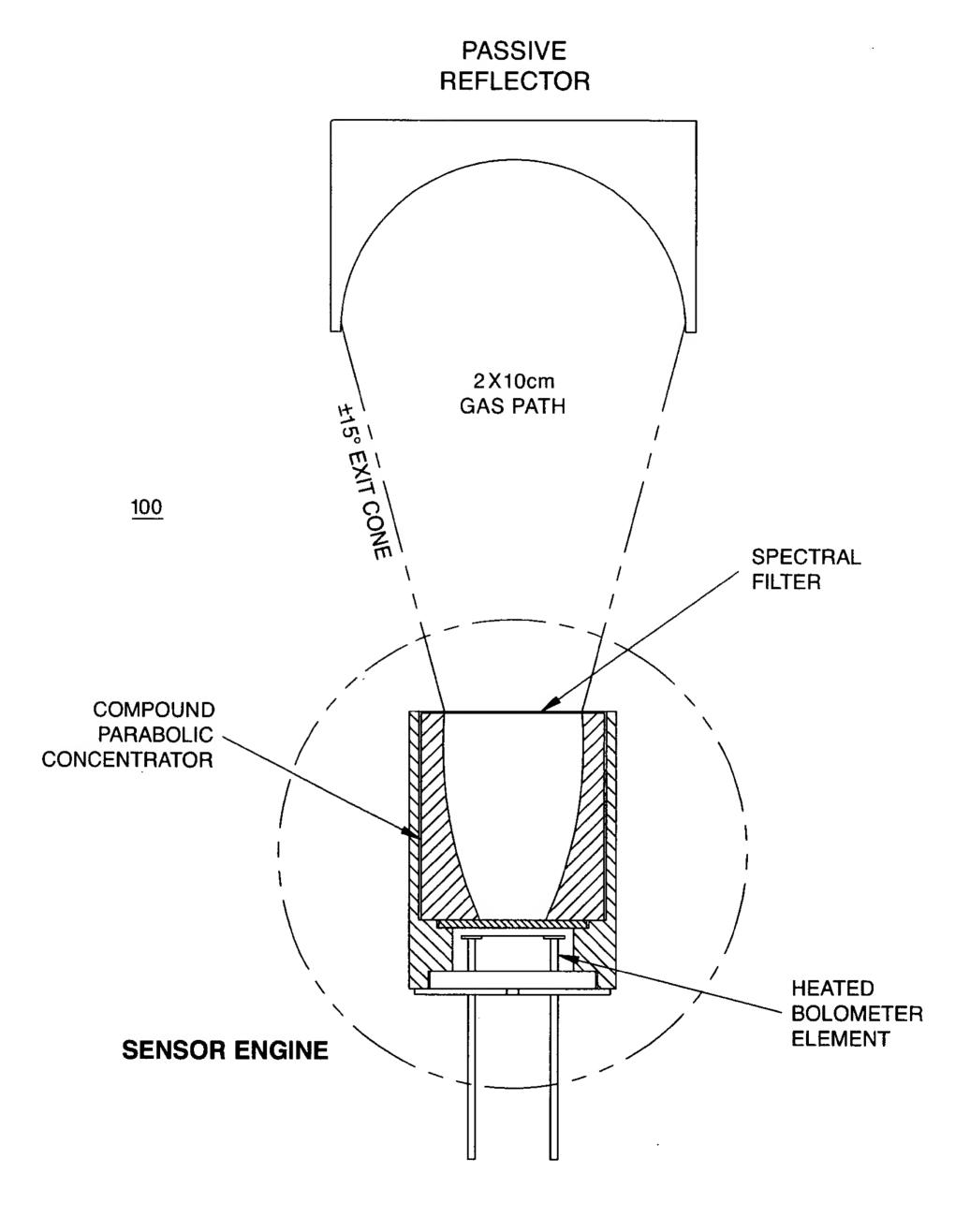
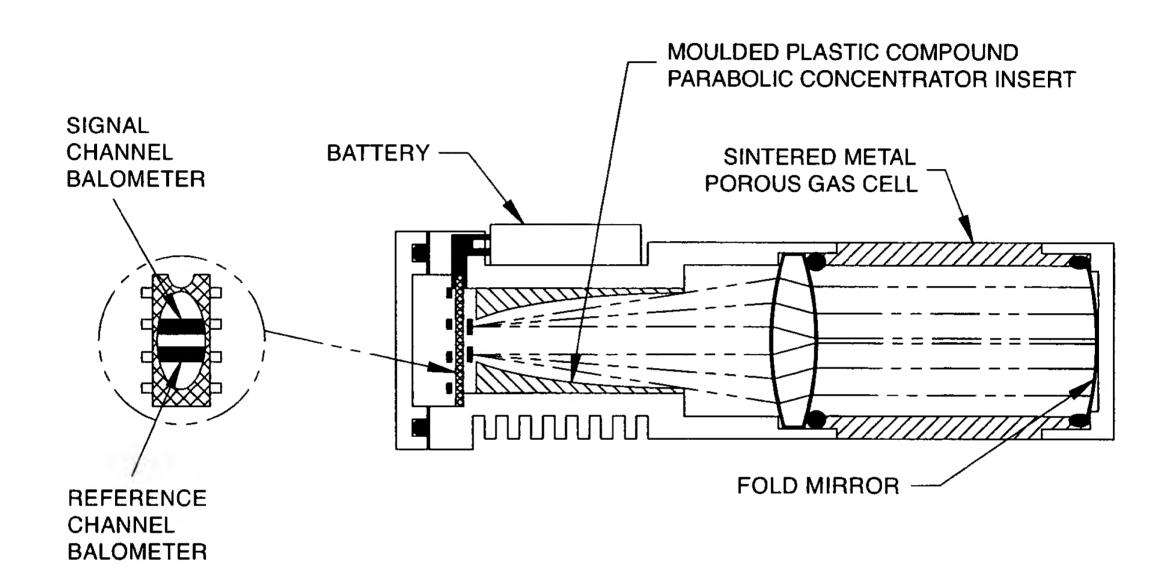


Fig. 11A

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TUNED INFRARED TRANSMIT/RECEIVE MODULE IC

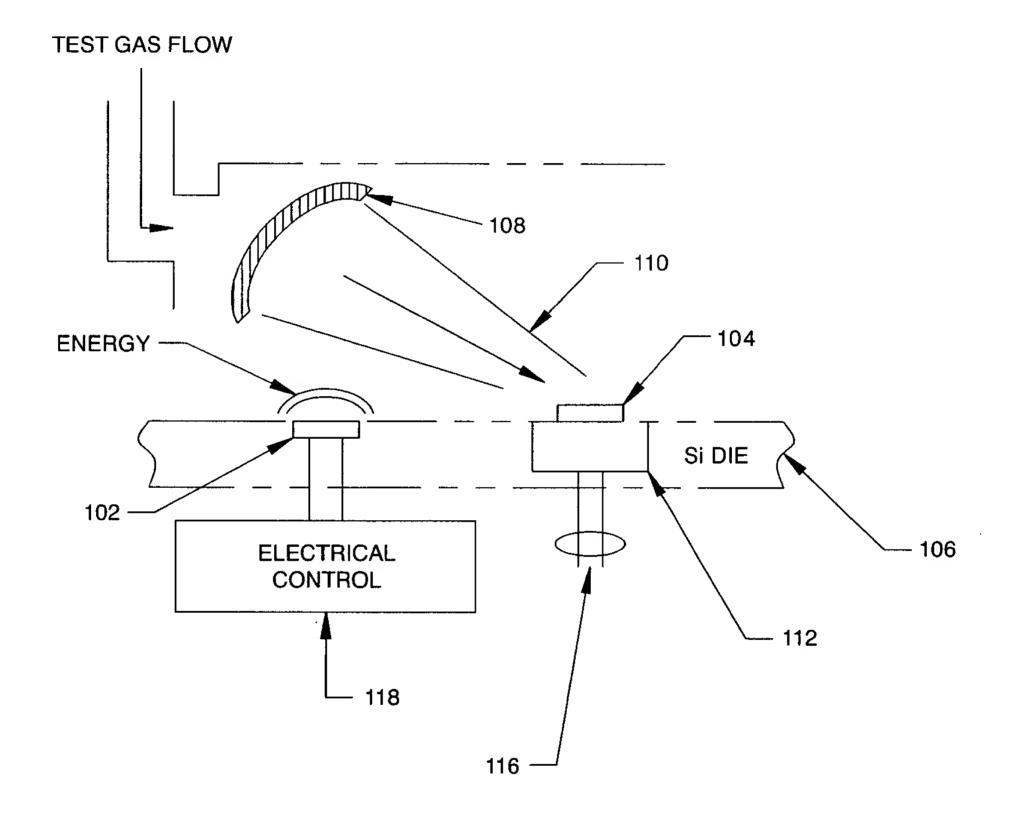


Fig. 11C

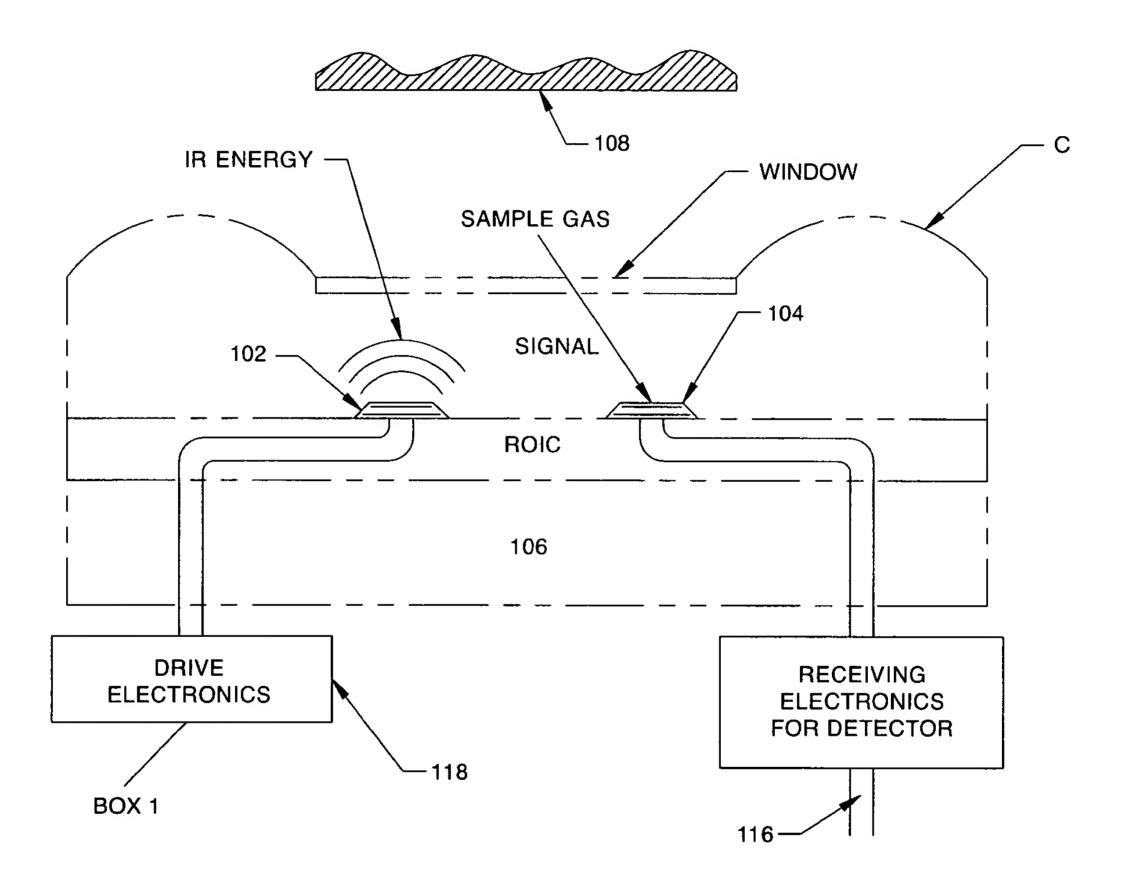


Fig. 11D

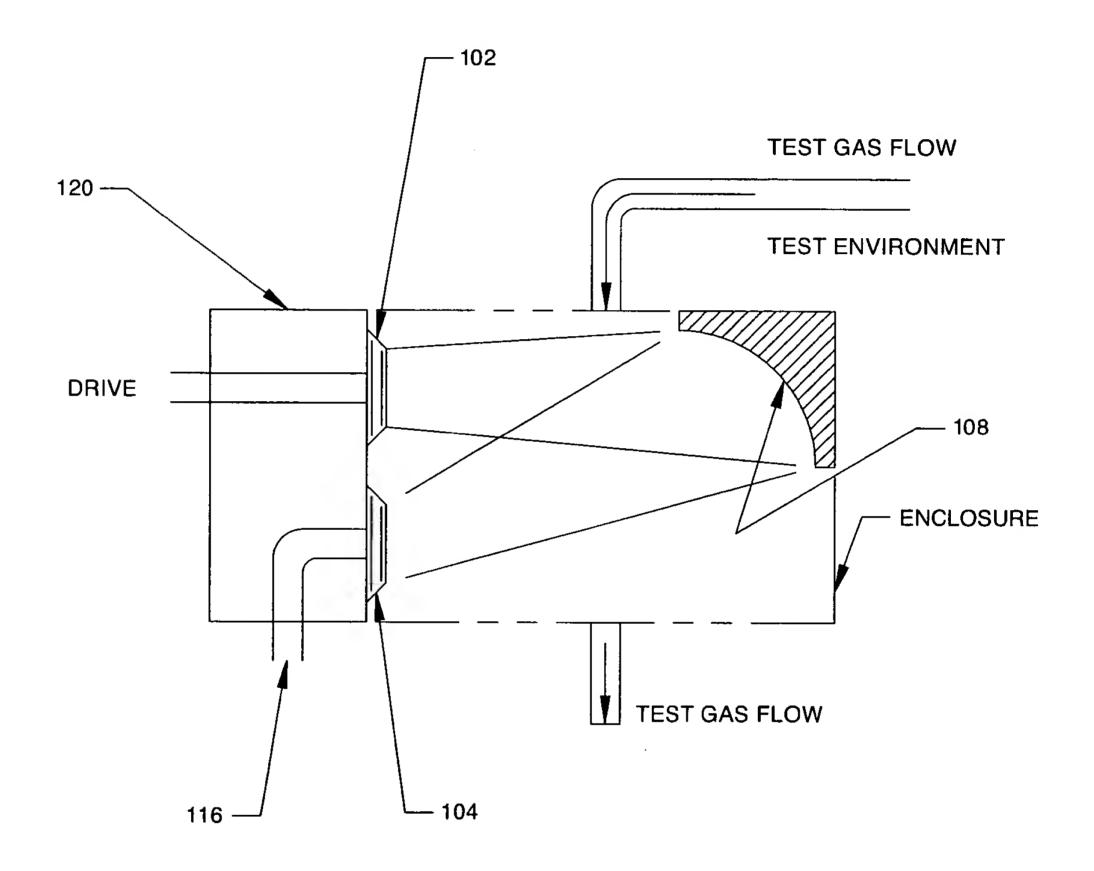


Fig. 11E

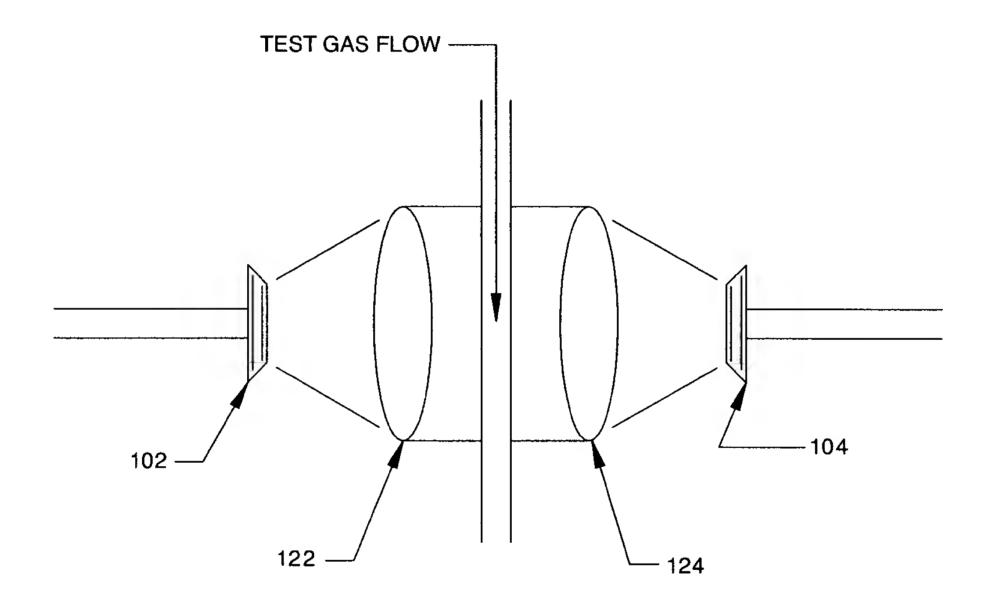
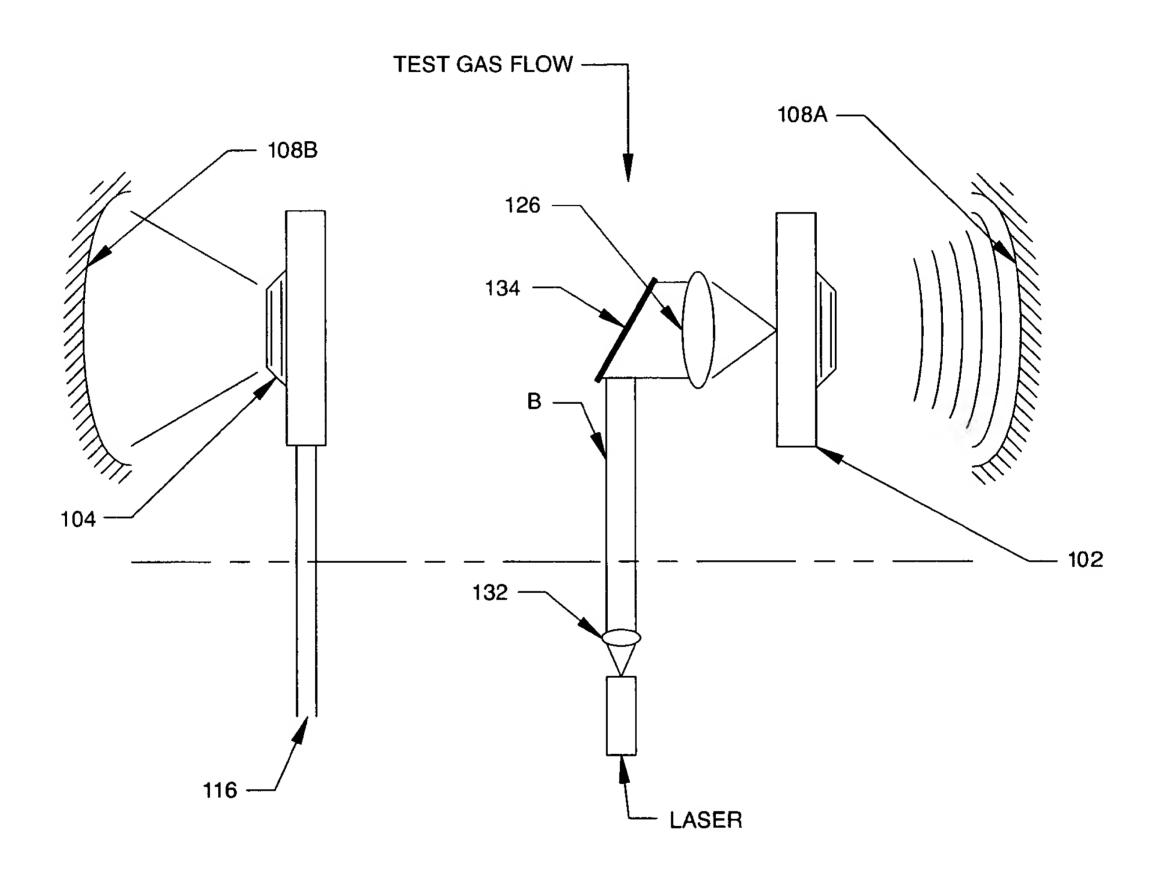


Fig. 11F



NON-ELECTRICAL SIMULATION

Fig. 11G

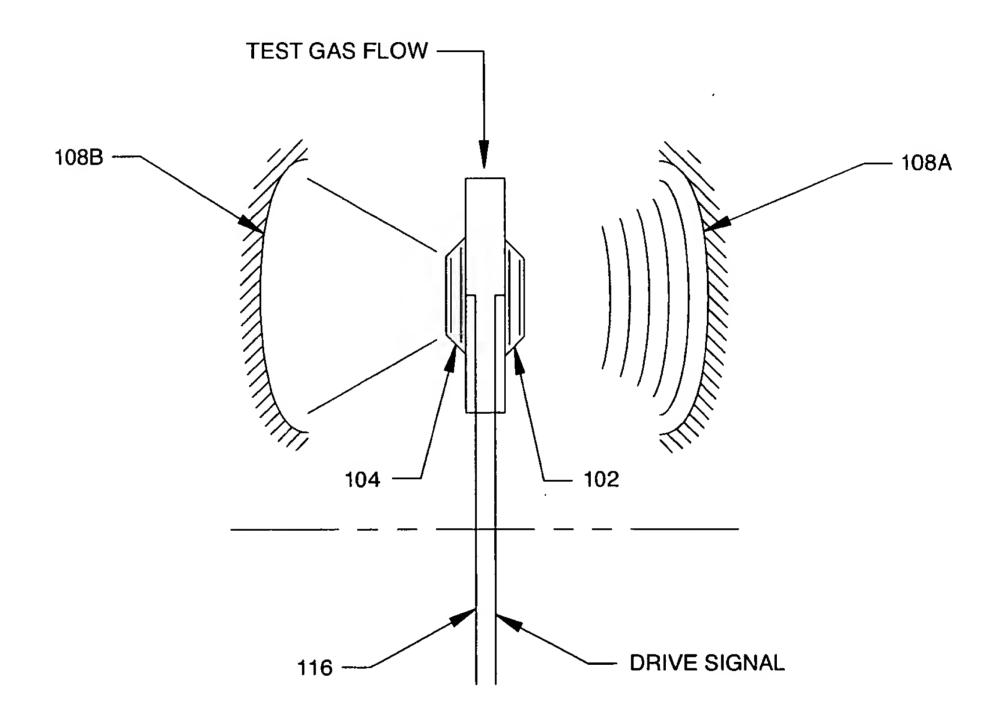


Fig. 11H

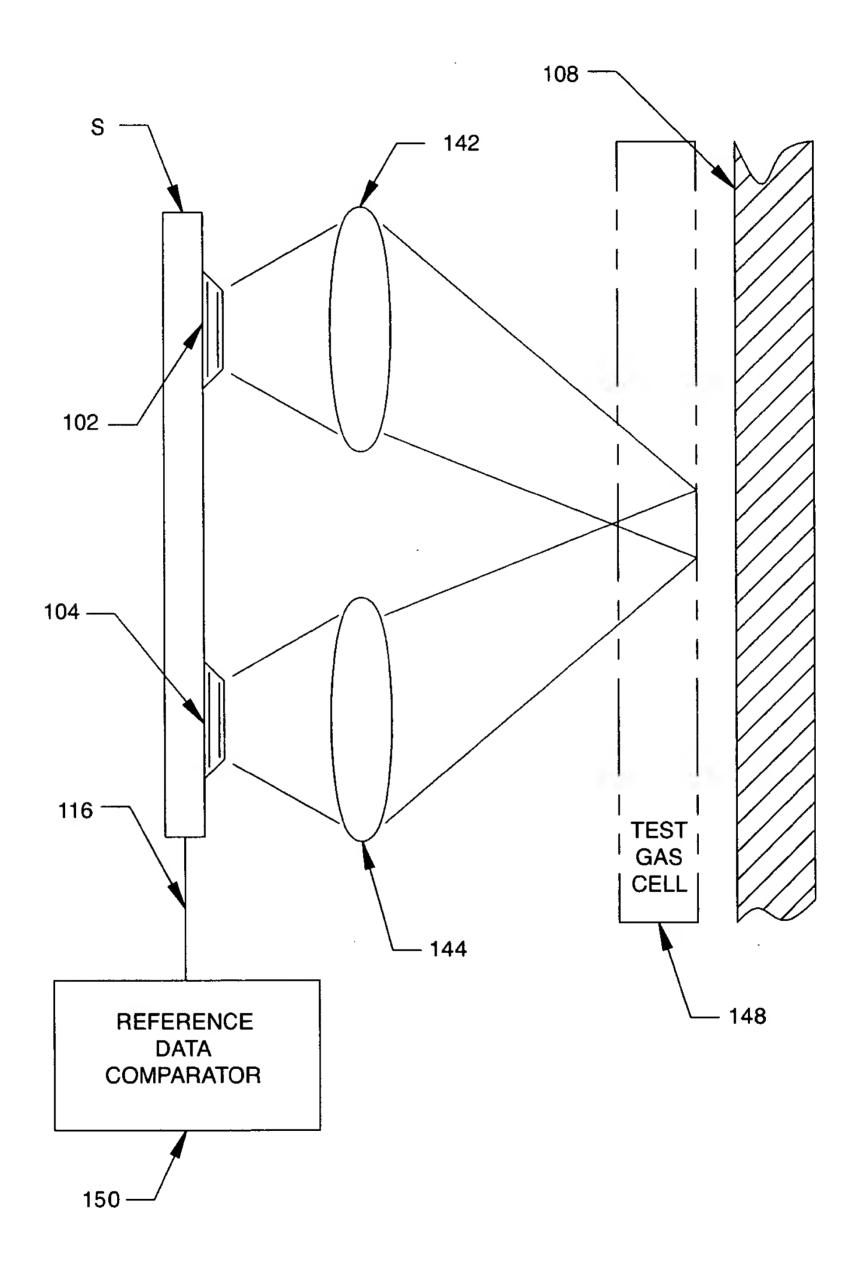


Fig. 11 I

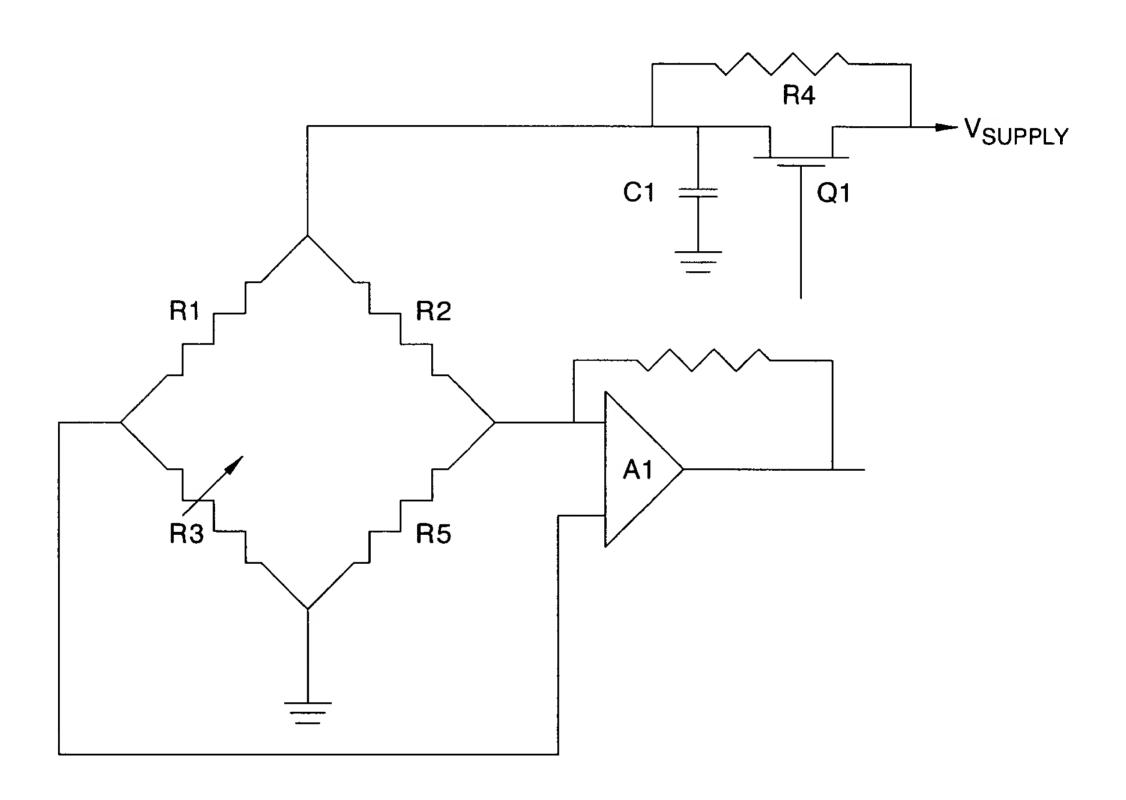


Fig. 12

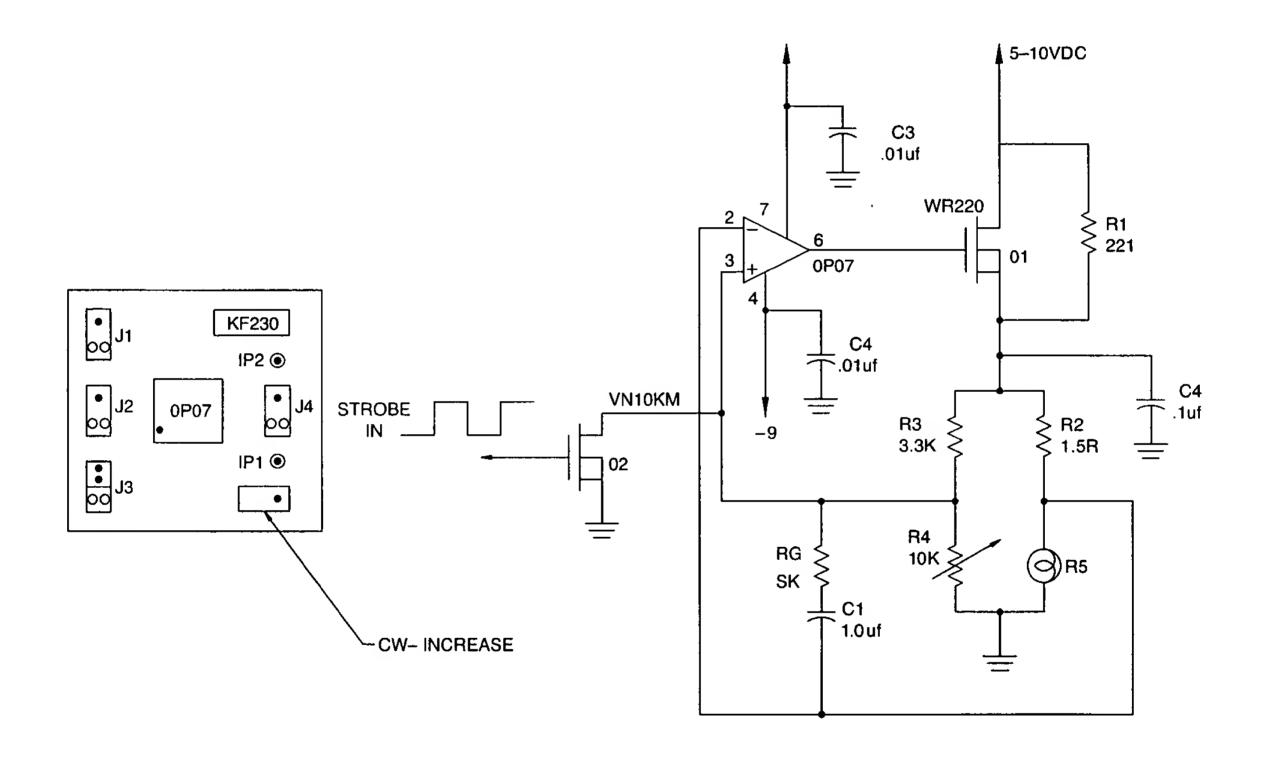


Fig. 13

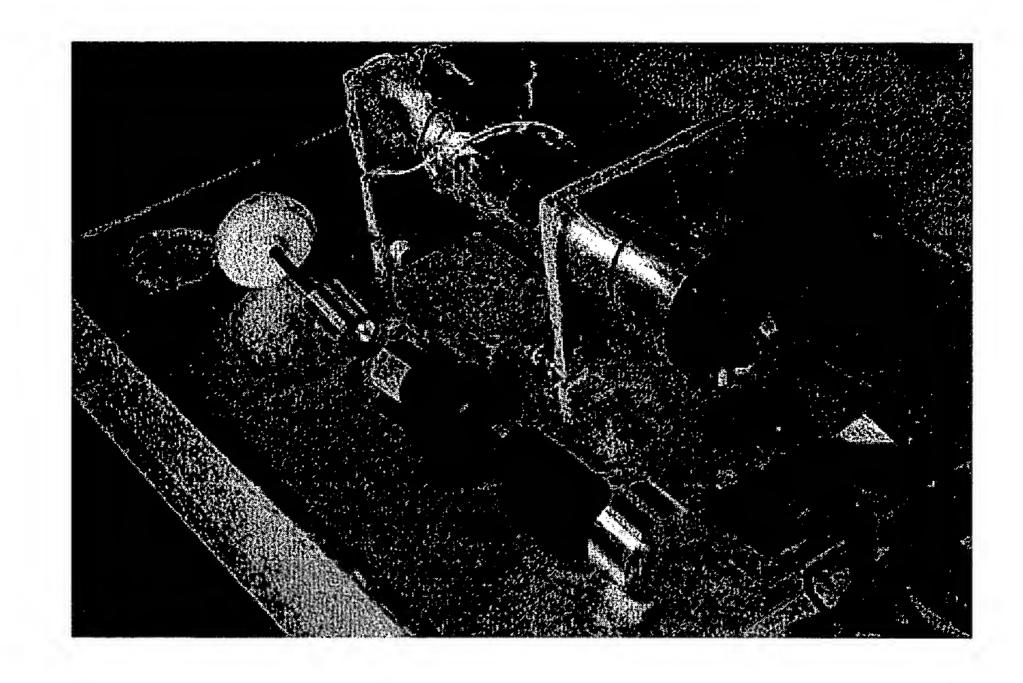


Fig. 14A

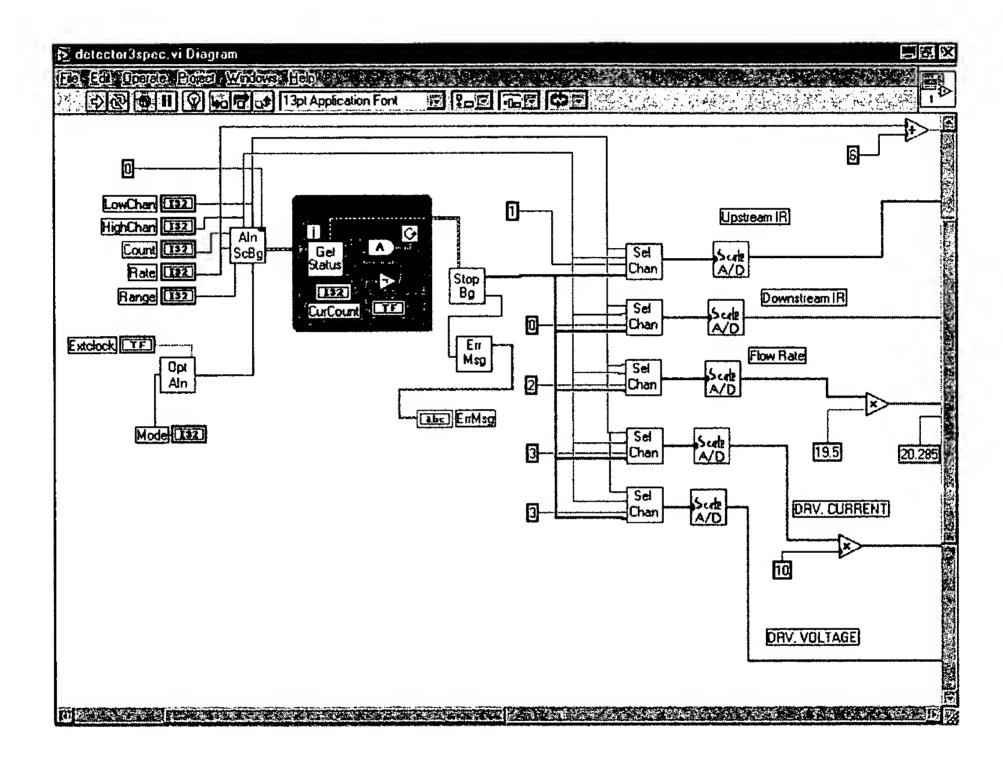


Fig. 14B

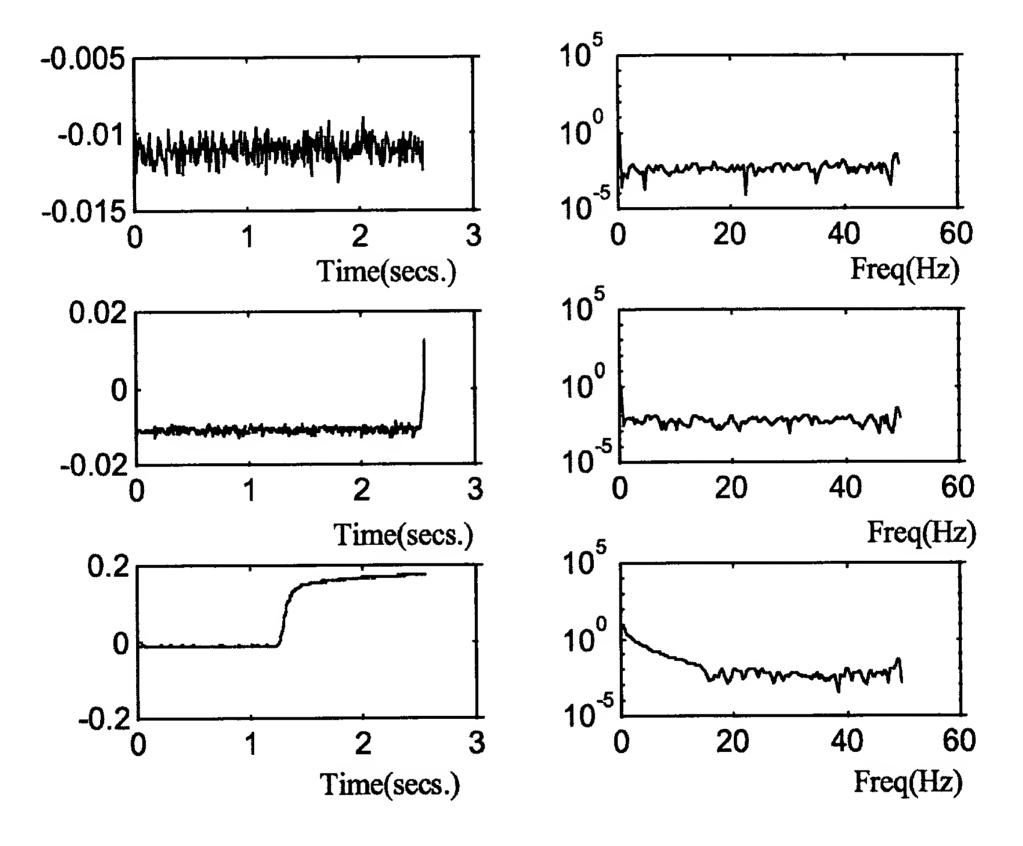


Fig. 15

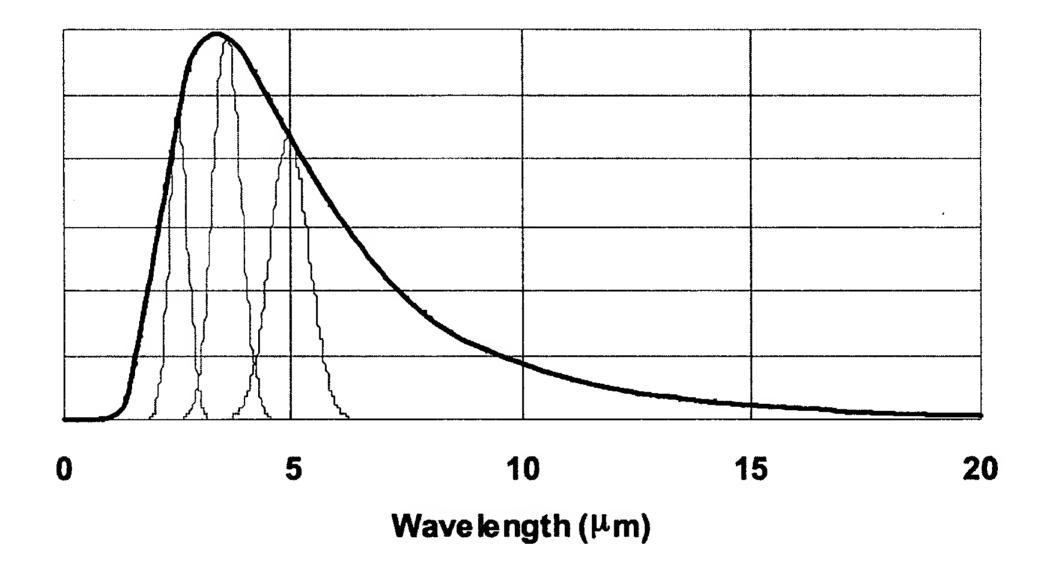


Fig. 16

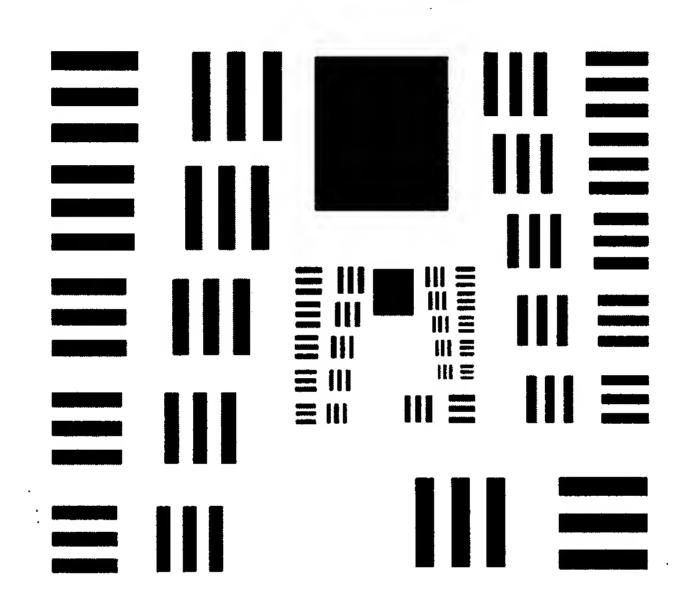
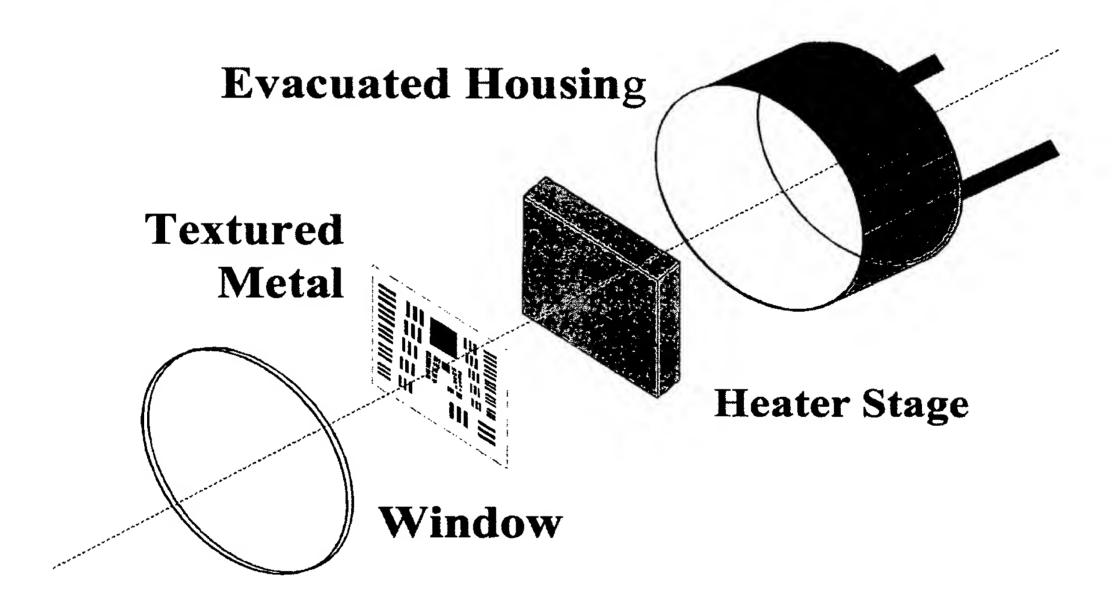


Fig. 17A



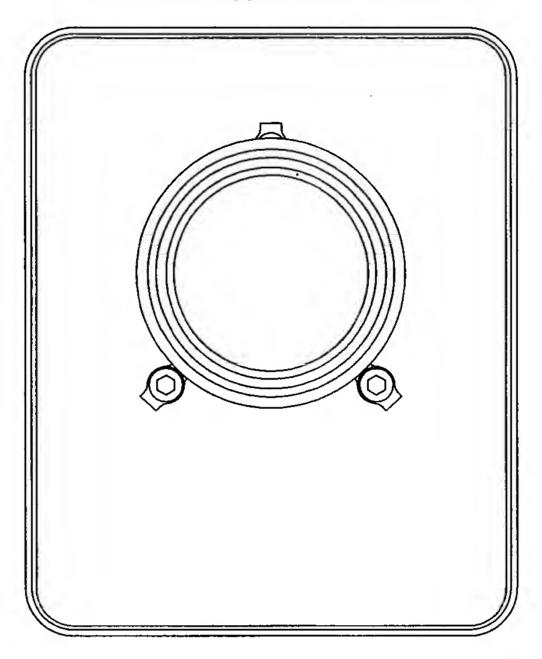


Fig. 18A

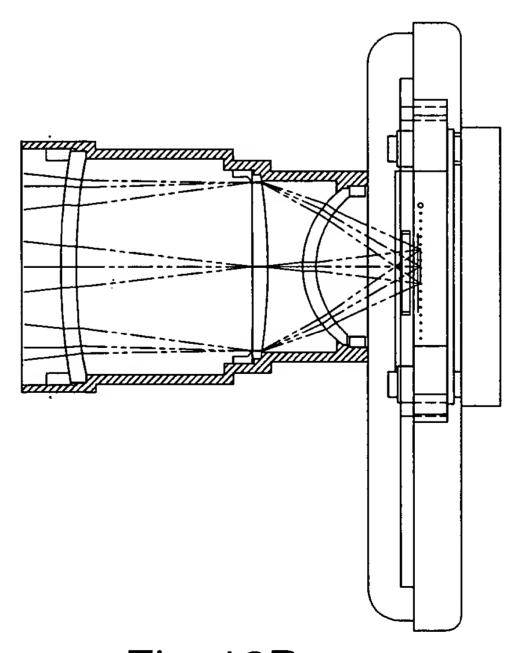
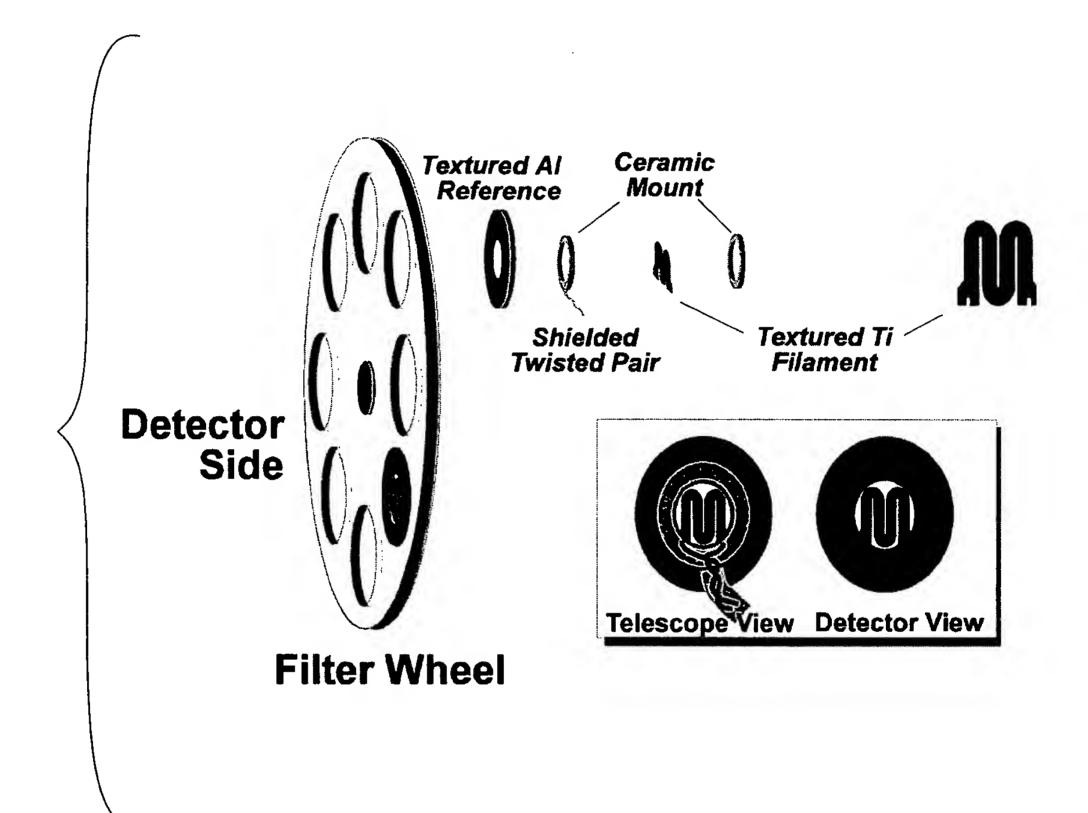


Fig. 18B



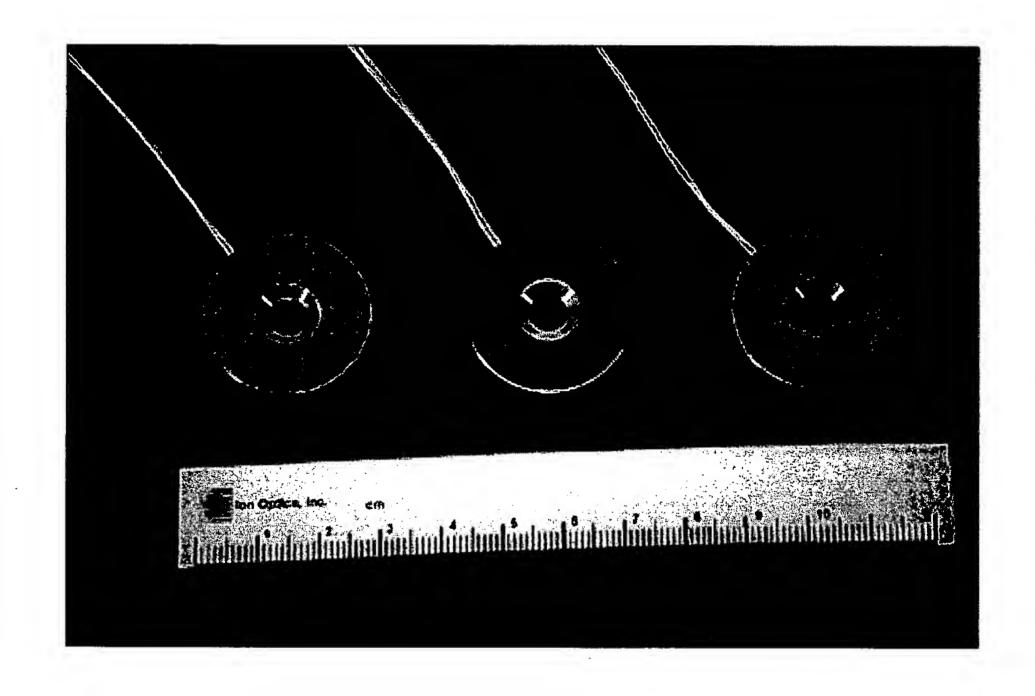


Fig. 19B